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Geophysical and Geochemical Report

on the

KL PROPERTY

**Omineca Mining Division
NTS: 093N/7W**

**Latitude: 55° 17' N
Longitude: 124° 45' W**

**November 1993
GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,166

**Owner: Eric Shaede
R.R #1 819, C6
Sicamous, B.C.
VOE 2V0**

**Owner/Operator: Hudson Bay Exploration
& Development Co. Ltd.
405-470 Granville St.
Vancouver, B.C.
V6C 1V5**

**Authors: Michael Moore
Ed Yarrow**

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Summary

The KL Property is located 90 km NNW of Fort St. James and consists of five 4-post claims and six 2-post claims for a total of ninety units. The KL, KL1 and KL3 claims are owned by Eric Shaede while the remaining claims are owned by Hudson Bay Exploration & Development (HBED). The claims cover a known Cu-Pb-Ag-Au shear/vein showing, known as the Klawli or Kohse Copper, discovered in the early 1920's. The property has been worked intermittently since 1984 in hopes of discovering a Cu-Au porphyry deposit.

In 1993 HBED personnel staked a total of 37 units contiguous to the eastern boundary of the KL claims. An infill soil geochemical survey, a reconnaissance VLF-EM 16 survey and investigation of Cu-Au soil geochemical anomalies was then conducted on the KL group. The purpose of this follow-up program was to attempt to define the extent of the known soil geochemical anomalies and confirm the existence of a intrusive unit on the claims.

The KL group is underlain by Upper Triassic Takla group volcanics. Rocks observed along ridge tops are massive green-grey andesites with minor to no alteration or mineralization. Subcrops observed at lower elevations, within the coincident 1990-1 soil/I.P. anomalies, are sheared iron-carbonate altered felsic volcanics and not alkaline intrusives as previously reported. Mineralization in these rocks include 4-5% pyrite with minor chalcopyrite. Samples taken by Noranda Exploration from these subcrops analyzed as high as 430 ppb Au and 7331 ppm Cu. Hudson Bay resampling of these showing achieved a high of 80 ppb Au and 767 ppm Cu.

The infill soil geochemical sampling program closed the main anomaly outlined by Noranda's previous 1990-1 program. The reconnaissance VLF-EM 16 survey, conducted over the area of anomalous subcrop, revealed three north-south trending anomalies interpreted to be shear/fault zones.

The results from work conducted around the main copper anomaly were disappointing, however the size of the soil anomaly on the south portion of the claims has been enlarged and is still open ended. A follow-up program including prospecting, infill soil geochemical and reconnaissance I.P. is recommended.

Introduction

This report is both a partial compilation of previous work carried out on the KL property and a description of work conducted by Hudson Bay Exploration during the period September 19 to September 24, 1993. The purpose of the 1993 program was to determine the ultimate size of known Cu-Au soil geochemical anomalies, investigate areas covering these geochemical anomalies and confirm that an intrusive body occurs on the claims.

Location & Access

The KL claims are located 7 km northwest of the west end of Chuchi lake, approximately 90 km north-northwest of Fort St. James (see Figure 1). Access to the claims is via helicopter and is approximately a 40 minute flight from Fort St. James. A logging road comes to within 3 km of the claim block (see Figure 2).

Physiography

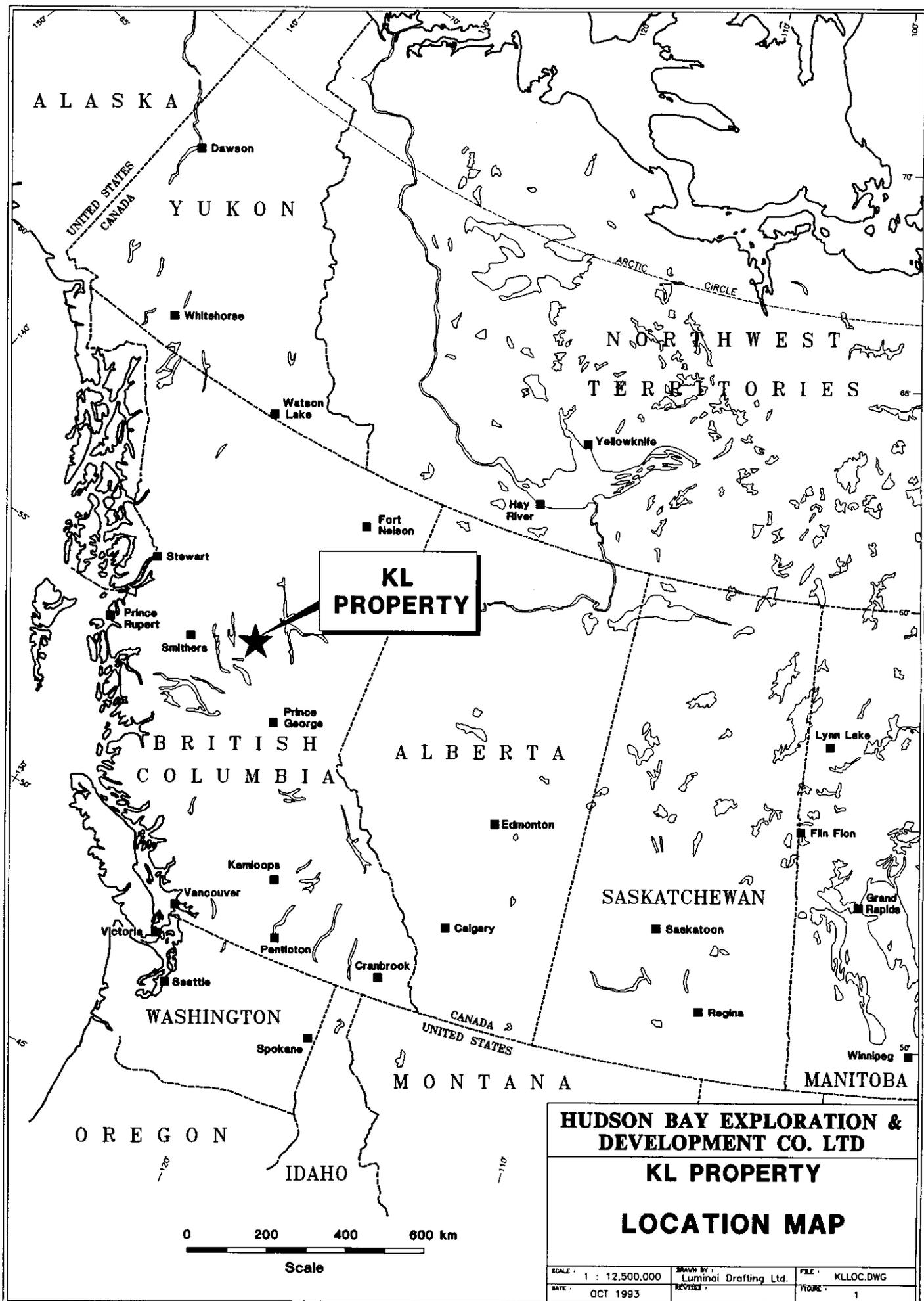
The KL claim block covers several steep rocky slopes with elevations ranging from 950 to 1900 metres (3100 to 6200 feet). At lower elevations vegetation varies from intermittent swamps to stands of mature spruce, pine and balsam, while higher elevations have typical alpine scrub.

Claim Information

The KL property is located in the Omineca Mining Division, on NTS map sheet 093N/7. The KL group is a combination of claims staked by Noranda personnel in 1990 (KL, KL1, KL3) and claims staked by Hudson Bay personnel in 1993 (Ernie, Bert, Grover 1-6). Claim information is summarized below.

CLAIM NAME	UNITS	RECORD #	GOOD TO DATE *	OWNER
KL	20	242027	May 4, 1996	E. Shaede
KL 1	18	242278	June 15, 1996	E. Shaede
KL 3	14	243122	Feb. 7, 1996	E. Shaede
Ernie	20	321166	Sept. 20, 1994	HBED
Bert	12	321165	Sept. 20, 1994	HBED
Grover 1-6	6	3221167-72	Sept. 20, 1994	HBED
	Total 90			

* If assessment is accepted.



ALASKA

YUKON

NORTHWEST TERRITORIES

BRITISH COLUMBIA

ALBERTA

SASKATCHEWAN

WASHINGTON

MONTANA

OREGON

IDAHO

MANITOBA

KL PROPERTY

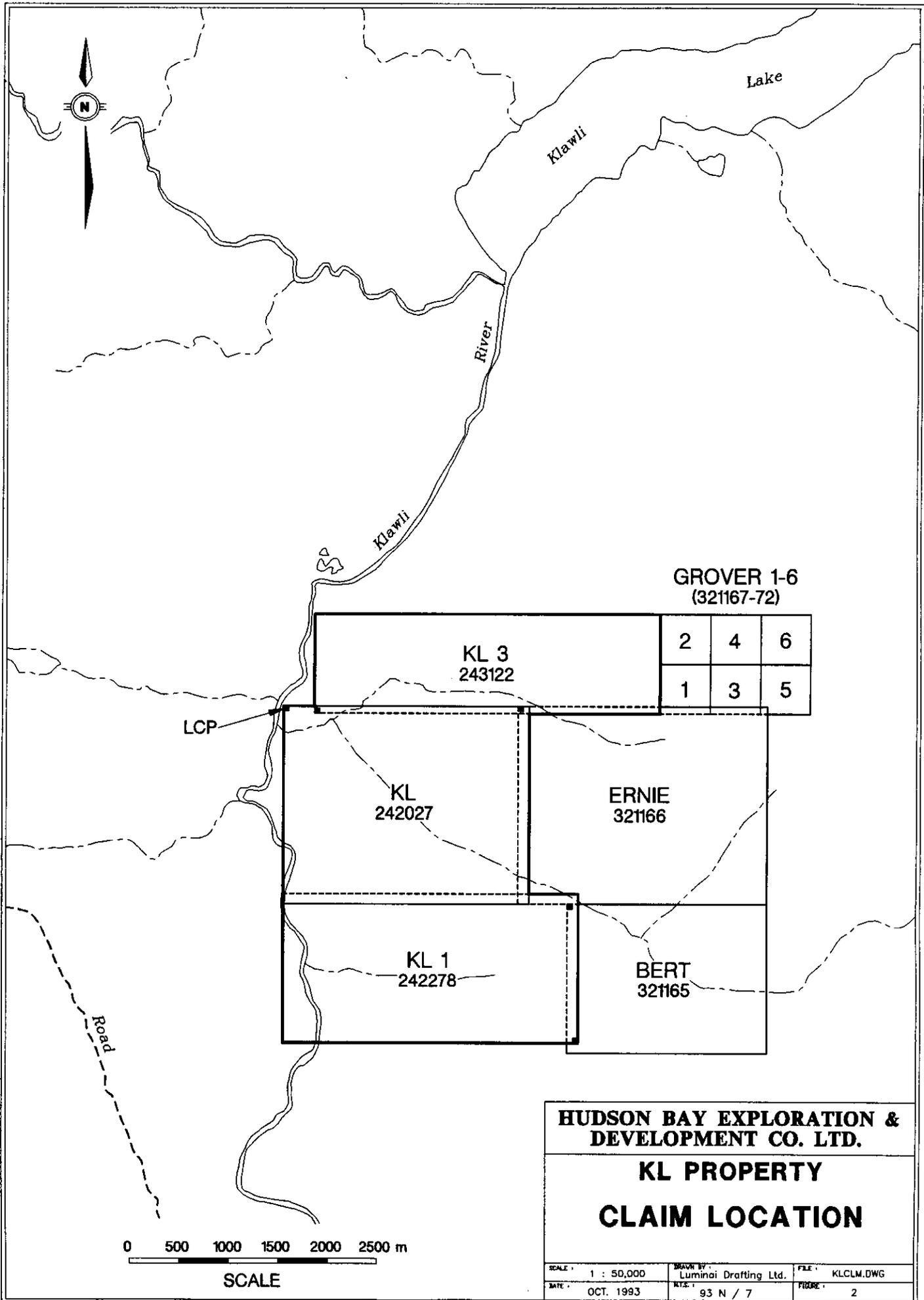
HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD

**KL PROPERTY
LOCATION MAP**

0 200 400 600 km

Scale

SCALE : 1 : 12,500,000	DRAWN BY : Luminal Drafting Ltd.	FILE : KLLOC.DWG
DATE : OCT 1993	REVISED :	FIGURE : 1



GROVER 1-6
(321167-72)

KL 3 243122	2	4	6
	1	3	5

LCP

KL
242027

ERNIE
321166

KL 1
242278

BERT
321165

Road

0 500 1000 1500 2000 2500 m

SCALE

HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

KL PROPERTY

CLAIM LOCATION

SCALE : 1 : 50,000	DRAWN BY : Luminai Drafting Ltd.	FILE : KLCLM.DWG
DATE : OCT. 1993	RTS : 93 N / 7	FIGURE : 2

Work Performed

During the period from September 19 to September 24, 1993 a four man crew, including Ed Yarrow, Len Gal, Brian Game and Michael Moore, conducted a program of soil and rock sampling as well as a reconnaissance VLF-EM 16 survey. A total of ~~205~~ soil samples and 4 rock samples were collected and analyzed. The VLF-EM 16 survey was carried out over a total of 2.35 line kilometres.

History

The property was originally discovered in the 1920's and optioned to Consolidated Mining and Smelting Company of Canada, who did some minor trenching and sank two adits (see Figure 4 for locations). This work exposed an area with several Cu-Pb-Ag-Au enriched veins that are known alternately as the Klawli Copper or Kohse Copper (Minfile No. 093N 032) showings. Until 1984, little or no work was done on the property.

In 1984, Hawk Mountain Resources confirmed the presence of anomalous gold values at the showing. Samples taken from old workings assayed up to 0.48 opt Au, 29.22 opt Ag and 6.7% Cu. A reconnaissance VLF-EM survey indicated an anomalous zone that roughly parallels the strike of the exposed mineralization. A geochemical survey conducted in the showing area proved inconclusive.

In 1987, Eric Shaede resampled the old workings and reconfirmed the presence of high grade gold at the showings.

From 1990 to 1992, Noranda Exploration optioned the property from E. Shaede. Noranda conducted a soil survey and outlined a large Cu-Au anomaly immediately east and upslope from the Klawli Cu showing. A reconnaissance style I.P./Resistivity survey was also ran over the more anomalous part of the soil anomaly. It revealed a coincident and flanking chargeability anomaly, east and up slope from the Klawli showing. In 1992, Noranda personnel conducted detailed mapping, prospecting and test pitting in the strongest part of the Cu-Au soil geochemical anomaly defined on the KL claim in previous years. The option on the property was dropped shortly after.

Regional Geology

The KL Property lies within the Quesnel Trough (a subdivision of the Intermontane tectonic belt) represented in the area by Upper Triassic Takla group volcanics and sedimentary rocks of island-arc affinity and related intrusions. The claims are situated near the southern end of the Late Triassic-Early Cretaceous Hogem Batholith.

Takla group rocks typically include argillites, augite porphyries, feldspar porphyries, and andesitic tuffs, flows and breccias. The Takla rocks were also intruded by a series of Late Triassic to Late Cretaceous batholiths and stocks.

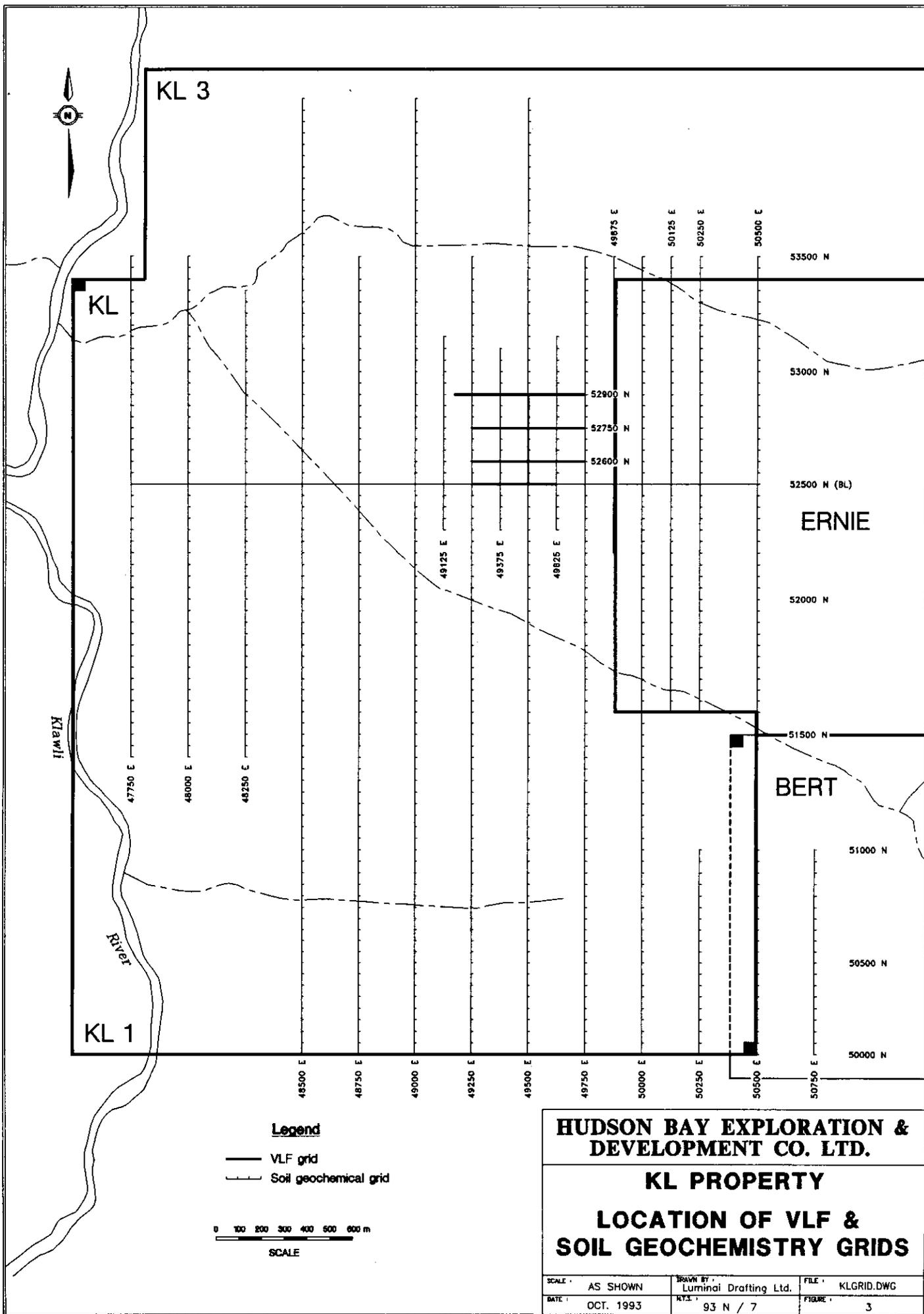
Block faulting and tilting are the dominant structural styles in and around the Quesnel Trough. The Quesnel Trough is in fault contact with older rocks to the east and west and is therefore thought to be a graben.

Economically the Intermontane tectonic belt is the locus of such porphyry Copper deposits as Gibraltar, Mount Milligan, Kemess, Mount Polley and Lorraine.

Property Geology

Unfortunately little is known about the exact geology underlying the KL property since outcrop in the areas of interest (i.e. lower elevations) is sparse. However, there is abundant outcrop along ridge tops. Rocks that have been observed are Takla group massive green andesites, massive maroon feldspar porphyritic andesites and grey vesicular andesites. All the rocks observed by Hudson Bay personnel along the ridge tops were Takla volcanics with minor to no alteration or mineralization.

Samples (HBED #621013,14 and 093N7GR001,002) were taken from rocks exposed by up-rooted trees in the same locations as Noranda sample #123830. However, analytical correlation between the samples was poor (see Figures 5 & 6 for locations). The Noranda sample 123830, taken in 1992, assayed 430 ppb Au and 7331 ppm Cu, while Hudson Bay's (#93NGR002) assayed a high of 80 ppb Au and 767 ppm Cu. This rock was originally called a feldspar porphyry by Noranda personnel. However, it is our feeling that this rock is in fact a iron-carbonate altered volcanic. Petrographic work (by Vancouver Petrographics) conducted on this rock revealed inconclusive results as to its exact name (see Appendix 3). The study called the rock a felsite with sericite-carbonate (+/- albite) alteration. Also reported were two stages of quartz-carbonate brecciation/veining, with 4-5% pyrite and minor chalcopyrite.



Soil Geochemical Survey Results

A total of 166 soil samples were collected at 50 metre stations from grid lines on the east side of Noranda's 1990-1 grid (see Figure 4). The purpose of this survey was to attempt to define the dimensions of the two known copper soil anomalies. Samples were collected using grub hoes from depths ranging from 15-35 cm. The samples were placed in kraft wet-strength paper bags and forwarded to Chemex Labs Ltd in North Vancouver. A 32 element I.C.P. analysis with an A.A. for gold was conducted on each of the soil samples. The complete results are in Appendix 4 and a map illustrating the copper and gold data is shown on Figure 4.

In an attempt to correlate the 1993 data to past geochemical surveys a few test lines were run over previously sampled lines (see Appendix 4). When the two sets of data are compared it appears that the 1993 data has higher values. Unfortunately, the number of test samples taken was too low and created a insufficient statistical population to generate satisfactory correlation coefficients. Thus, contouring the 1993 data with the 1990-1 data may generate some inexact results.

Basic statistics performed on the complete set of copper data revealed an approximate threshold value of 200 ppm. (two standard deviations plus the mean or the 95th percentile). However, copper values of 100 ppm or greater are generally considered anomalous in the region. Figure 4 shows the copper data in a contoured format, where anomalies shown are greater than 100 ppm.

The main copper anomaly on the KL claim, centered approximately along line 52000N, was closed to the east by the infill lines. This east-west trending anomaly is approximately 2.4 km long and varies in width from 100 to 600 metres. It is located to the south and down slope of the anomalous copper-gold in subcrop.

The copper anomaly on the south portion of the claim group (KL1 and Bert claims) is still open to the east and the south. This east-west trending anomaly is in excess of 1700 metres long and approximately 600 metres wide, with no significantly elevated gold values. This anomaly may be related to the Col property immediately south of the KL Property. The Col deposit is reported to have 2 million tonnes grading 0.6% copper, hosted within alkaline intrusive rocks near the contact with volcanic flows of the Lower Jurassic Takla Group.

Geophysical Survey Results

A modest reconnaissance VLF-EM 16 survey (see Figure 3) was conducted over the area where highly anomalous copper and gold assays were found in the rocks. A total of 2.35 line km was surveyed; 4 lines in a east-west direction and one in a north-south direction. Readings were taken at 25 meter intervals using a Geonics VLF-EM 16 instrument. The results are shown in Appendix 5.

Figures 5 and 6 display the VLF data on an unfiltered profile map and a Fraser filtered contour map. Both maps reveal three anomalous bodies, all striking in a north-south direction. The strongest anomaly (Anomaly "A"), oriented along line 49400E, is open ended to the north and south and varies in width from 50 to 100 metres. The second strongest anomaly, Anomaly "C", runs along line 49250E and is open ended to the north and may continue to the south. Unfortunately, the survey was not conducted far enough to the west to close this anomaly. The third anomaly, Anomaly "B" is the weakest of the three discovered. It varies in width from 12.5 to 40 metres, for a length of 400 metres, approximately along line 49575E. Each of these three anomalies are inferred to be structural breaks (i.e. a shear or fault zone).

Conclusions & Recommendations

Initially, it was thought that the area showing co-incident I.P., magnetometer and soil geochemical anomalies, combined with the anomalous copper-gold subcrop had potential to be an intrusive hosted Cu-Au porphyry target. Work conducted on this area obtained disappointing results. The area is underlain by sheared iron-carbonate altered Takla volcanics, which have moderately anomalous Cu-Au content. It is likely that I.P. and magnetometer anomalies discovered by Noranda personnel are due to an increase in pyrite concentration in the volcanic rocks of the area. This pyrite mineralization is likely the result of regional alteration.

The size of the soil anomaly on the south part of the property has been increased and is open ended to the south and east. The proximity of this anomaly to the Col deposit to the immediate south makes it a very interesting target. A follow-up program including prospecting, infill soil geochemistry and reconnaissance I.P. is recommended.

References

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APPENDIX 1

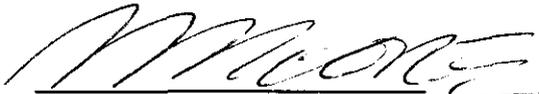
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Michael Moore, of Vancouver, British Columbia hereby certify that:

- 1) I am a graduate of Carleton University, Ottawa Ontario, with a B.Sc. (Honours) in Geology (1989).
- 2) I have practised my profession with numerous mining companies in Canada and the United States, since graduating.
- 3) I am currently employed as a geologist working for Hudson Bay Exploration And Development Co. Ltd.
- 4) The information in this report is based on published and unpublished reports on the property and the surrounding area and by work conducted by me, on the KL group of claims, for Hudson Bay.
- 5) I have no interest in the property or any other within a 10 km radius.

Signed this day 25th of November, 1993.

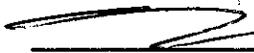

Michael Moore, B.Sc.

STATEMENT OF QUALIFICATIONS

I, Ed Yarrow, of White Rock, British Columbia hereby certify that:

- 1) I am a graduate of the University of British Columbia, with a B.Sc. in Geology (1970).
- 2) I have practised my profession continuously since 1970.
- 3) I am currently employed as a Senior Geologist for Hudson Bay Exploration And Development Co. Ltd.
- 4) I am a Fellow of the Geological Association of Canada.
- 5) The information in this report is based on published and unpublished reports on the property and the surrounding area and by work conducted and supervised by me, on the KL group of claims, for Hudson Bay.
- 6) I have no interest in the property or any other within a 10 km radius.
- 7) I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia.

Signed this day 25th of November, 1993.


Ed Yarrow, P. Eng.
Senior Geologist
Hudson Bay Exploration & Development



APPENDIX 2

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES
KL PROPERTY

Manpower

3 men @ \$200/day/man - 5 days	3000
Project Geologist @ \$275/man/day - 5 days	<u>1375</u>
TOTAL	\$4375

Room & Board

Hotel	430
Food	<u>663</u>
TOTAL	\$1093

Travel

Truck Rental @ \$60/day - 5 days	300
Fuel	<u>105</u>
TOTAL	\$405

Aircraft

Helicopter @ 6.8 hrs @ \$650/hr	\$4420
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Analytical Charges

209 samples @ \$15/sample	\$3135
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Field Supplies

Soil & plastic bags, flagging, etc	\$400
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Report Preparation

3 days @ \$250/day	750
Drafting, Secretarial	<u>600</u>
TOTAL	\$1350

TOTAL EXPENDITURES	<u>\$15,178</u>
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APPENDIX 3

PETROGRAPHIC ANALYSIS

[1] KL 621014

Felsite, fine stockwork, mineralized

Summary description

Light grey very fine grained, massive feldspathic. Weathered and iron-stained rind. Crossed by hairline fractures, mineralized by pyrite (chalcopyrite).

In thin section composed of fine to very fine felted plagioclase with widely scattered slightly coarser crystals.

Albitization suspected because of diffuse patches and fracture controlled patterns of featureless plagioclase among felted crystal outlines. Partially obscured by near continuous diffuse and compact clots of microcrystalline to fine carbonate (dolomite) and lesser scattered clusters of microcrystalline sericite; some with fairly regular outlines as replacement of coarser plagioclase crystals. Irregular clots of "clay" alteration were also noted. Carbonate shows preferential iron-stain.

Scattered discontinuous fracture infillings of pyrite with lesser associated blebs and veinlets of chalcopyrite associated with quartz gangue, lesser carbonate and minor chlorite.

Late stage carbonate and quartz veinlets.

No gold grains were observed in the pyrite-chalcopyrite assemblage. Geochemical analyses for gold recommended (if not already done).

Microscopic description

Groundmass

Plagioclase; 42-45%, subhedral (<.05 to >0.3 mm). Felted laths with scattered coarser laths (to >0.5 mm). Partially obscured by carbonate > sericite > clay (?) alteration. Relict polysynthetic twinning.

Alteration

Albite (suspected); 5%, anhedral, (<.05 to 0.1 mm). Occurs as featureless interstitial and fracture controlled patterns among felted bladed plagioclase.

Overprint alteration

Carbonate (dolomite); 25-28%, anhedral, (microcrystalline to >0.2 mm). Irregular clots/near continuous clusters; some fracture control.

Sericite; 5-6%, anhedral, (microcrystalline to <.05 mm). Ragged felted and fracture controlled clusters. Intermixing in

[1] KL 621014 Continued

very subordinate amounts with carbonate.

"Clay"; 2-3%(?) anhedral, (microcrystalline to <.05 mm). Irregular shaped clots. Ragged felted bladed. [Low birefringence, low (-), relief, otherwise similar in appearance to colourless chlorite].

Veins: Appears to be two (+) stages of brecciation/veining. Early containing sulphides with quartz and carbonate and later quartz, carbonate, traces barite(?).

Quartz; 1-2%, anhedral (<.05 to 0.1 mm). Associated with sulphides locally.

Carbonate; as in alteration overprint but associated with fracture-controlled sulphides.

Reflected light

Pyrite; 4-5%, anhedral/subhedral (<.01 to several mm). Discontinuous clusters controlled by early brecciation. Some associated carbonate and quartz. Traces very fine grains disseminated in groundmass.

Chalcopyrite; 0.5%, anhedral (<.01 to 0.1 mm). Occurs as small blebs in pyrite but more abundantly as small veinlets/fracture fillings in pyrite. Very minor very fine grains disseminated in groundmass.

TiO₂ assemblage (?); 1.5-2%, anhedral (<.01 to 0.1 mm). Skeletal to filigree clusters. Fairly uniformly distributed. [Good reflectivity, and pale cream-white internal reflections particularly under higher magnification.

Late veins

Quartz; 2-3%, anhedral (<.05 to 0.2 mm). Interlocking fracture controlled veins, subordinate to carbonate.

Carbonate; 3-4%, anhedral (<.05 to >0.2 mm). Interlocking fracture controlled veins.

Barite(?); trace, suspected, intergrown with carbonate. Not confirmed.

APPENDIX 4

ANALYTICAL RESULTS

KL PROPERTY - 1991-1993 SOIL SAMPLE COMPARISON							
Line 49375E							
		Au (1991)	Au (1993)			Cu (1991)	Cu (1993)
52525N		15	40			24	153
52600N		10	35			160	265
52625N		45	125			252	276
52650N		60	50			44	47
52700N		105	40			816	62
52750N		145	35			52	42
52800N		10	5			50	29
	Average	55.71	47.14			199.71	124.86
	St. Deviation	48.36	34.32			262.81	99.53
	Correlation Coefficient	0.044				-0.014	
Line 49500E							
		Au (1991)	Au (1993)			Cu (1991)	Cu (1993)
52400N		5	5			159	122
52450N		25	5			205	171
52500N		20	5			76	106
52550N		5	5			46	44
52600N		5	50			197	229
52650N		30	15			36	63
52700N		5	10			53	141
52750N		10	10			177	141
52800N		160	305			1044	1570
52825N		5	30			169	194
52850N		10	95			175	225
52900N		5	5			84	51
52950N		5	20			46	89
53000N		5	10			153	46
53050N		5	15			54	75
53100N		20	20			55	293
53150N		5	30			96	55
53200N		5	50			151	68
53250N		5	125			39	107
	Average	17.63	42.63			158.68	199.47
	St. Deviation	34.43	69.44			216.70	330.38
	Correlation Coefficient	0.846				0.963	



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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PHONE: 604-984-0221

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Project : KL
Comments:

Page Number :1-A
Total Pages :1
Certificate Date: 05-OCT-93
Invoice No. :I9322022
P.O. Number :
Account :T

CERTIFICATE OF ANALYSIS

A9322022

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
93N7GR-001	205	274	90	< 0.2	0.59	34	250	< 0.5	2	2.99	< 0.5	16	33	119	4.75	< 10	< 1	0.40	10	0.33	1495
93N7GR-002	205	274	80	< 0.2	0.84	12	600	< 0.5	< 2	3.38	< 0.5	10	17	767	3.98	< 10	< 1	0.49	10	0.61	1070
621013	205	274	85	< 0.2	0.76	30	360	< 0.5	2	3.30	< 0.5	12	22	58	4.50	< 10	< 1	0.39	10	0.48	1070
621014	205	274	35	< 0.2	0.65	28	40	< 0.5	4	2.63	< 0.5	42	32	148	4.95	< 10	< 1	0.33	10	0.53	855

CERTIFICATION:

Hart Bichler



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Project: KL
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Page Number :1-B
Total Pages :1
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P.O. Number :
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CERTIFICATE OF ANALYSIS

A9322022

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
93N7GR-001	205	274	< 1	0.01	10	1800	12	4	5	56	< 0.01	< 10	< 10	24	10	98
93N7GR-002	205	274	16	0.07	15	1890	12	2	7	62	< 0.01	< 10	< 10	33	10	86
621013	205	274	< 1	0.05	13	1890	2	4	6	53	< 0.01	< 10	< 10	35	10	88
621014	205	274	1	0.07	39	2310	2	2	14	53	< 0.01	< 10	< 10	28	10	52

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

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 V6C 1V5

Page Number : 1-A
 Total Pages : 6
 Certificate Date: 05-OCT-93
 Invoice No. : I9322021
 P.O. Number :
 Account : T

Project : KL
 Comments:

CERTIFICATE OF ANALYSIS

A9322021

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L49375E-52525N	201 202	40	0.8	2.16	8	320	< 0.5	< 2	0.78	< 0.5	12	30	153	3.37	10	< 1	0.10	10	0.65	650
L49375E-52600N	201 202	35	2.0	2.17	12	710	< 0.5	< 2	1.58	0.5	13	29	265	3.32	10	< 1	0.09	10	0.55	690
L49375E-52625N	201 202	125	1.4	1.75	16	760	< 0.5	< 2	0.65	< 0.5	15	17	276	5.85	10	< 1	0.09	20	0.30	670
L49375E-52650N	201 202	50	0.8	0.64	12	220	< 0.5	< 2	0.42	< 0.5	11	6	47	3.58	10	< 1	0.10	10	0.09	300
L49375E-52700N	201 202	40	0.6	1.08	12	170	< 0.5	< 2	0.40	< 0.5	14	12	62	4.71	10	< 1	0.07	< 10	0.18	250
L49375E-52750N	201 202	35	0.6	1.07	6	190	< 0.5	< 2	0.41	0.5	8	15	42	3.12	10	< 1	0.06	< 10	0.20	135
L49375E-52800N	201 202	< 5	0.4	0.88	6	80	< 0.5	< 2	0.26	< 0.5	6	16	29	2.72	10	< 1	0.05	< 10	0.14	170
L49500E-52400N	201 202	< 5	0.4	2.11	12	290	< 0.5	< 2	1.12	0.5	13	26	122	3.19	10	< 1	0.07	< 10	0.61	530
L49500E-52450N	201 202	< 5	1.2	2.93	10	500	< 0.5	< 2	1.45	0.5	14	40	171	4.04	10	< 1	0.17	< 10	0.69	660
L49500E-52500N	202 203	< 5	1.2	2.22	6	390	< 0.5	< 2	0.89	0.5	18	47	106	4.06	20	< 1	0.14	< 10	0.59	1135
L49500E-52550N	201 202	< 5	0.4	1.30	6	180	< 0.5	< 2	0.53	< 0.5	9	19	44	2.52	10	< 1	0.07	< 10	0.49	300
L49500E-52600N	201 202	50	1.0	2.41	< 2	420	< 0.5	< 2	0.94	0.5	17	44	229	4.76	20	< 1	0.11	10	0.71	810
L49500E-52650N	201 202	15	0.4	1.47	4	220	< 0.5	< 2	0.67	< 0.5	9	23	63	2.74	10	< 1	0.07	10	0.38	300
L49500E-52700N	202 203	10	1.0	1.57	< 2	380	< 0.5	< 2	1.69	1.0	13	37	141	2.77	10	< 1	0.09	< 10	0.47	1535
L49500E-52750N	201 202	10	1.6	2.32	14	410	< 0.5	< 2	1.17	1.0	16	34	141	3.99	10	< 1	0.13	< 10	0.55	975
L49500E-52800NA	201 202	305	2.8	2.62	62	630	< 0.5	< 2	1.06	< 0.5	32	33	1570	9.40	20	< 1	0.09	50	0.79	1700
L49500E-52800NB	202 203	200	1.6	2.15	38	510	< 0.5	< 2	0.87	< 0.5	28	35	1065	7.57	10	< 1	0.12	30	0.82	1765
L49500E-52825N	202 203	30	0.4	1.78	10	240	< 0.5	< 2	0.45	0.5	17	67	194	5.64	10	< 1	0.08	< 10	0.96	510
L49500E-52850N	202 203	95	1.4	2.00	30	280	< 0.5	< 2	0.55	< 0.5	33	33	225	8.21	10	< 1	0.11	10	0.62	1195
L49500E-52900NA	202 203	< 5	0.2	1.56	< 2	110	< 0.5	< 2	0.25	< 0.5	9	38	51	4.46	10	< 1	0.07	< 10	0.42	225
L49500E-52900NB	202 203	25	0.4	1.56	16	260	< 0.5	< 2	0.47	< 0.5	13	29	171	5.54	10	< 1	0.14	< 10	0.55	390
L49500E-52950N	201 202	20	0.6	1.71	8	210	< 0.5	< 2	0.47	< 0.5	12	26	89	3.91	10	< 1	0.04	< 10	0.43	240
L49500E-53000N	201 202	10	0.4	1.51	< 2	110	< 0.5	< 2	0.38	< 0.5	11	26	46	4.47	10	< 1	0.08	< 10	0.58	300
L49500E-53050N	201 202	15	< 0.2	1.76	10	100	< 0.5	< 2	0.33	< 0.5	13	30	75	4.94	10	< 1	0.08	10	0.76	340
L49500E-53100NA	202 203	20	0.6	1.42	12	110	< 0.5	< 2	0.68	< 0.5	18	35	293	3.17	10	< 1	0.05	40	0.42	635
L49500E-53100NB	201 202	25	1.0	1.63	4	170	< 0.5	< 2	0.90	1.0	15	24	277	3.42	10	< 1	0.04	30	0.47	1110
L49500E-53150N	201 202	30	0.2	1.48	< 2	200	< 0.5	< 2	0.39	< 0.5	9	23	55	2.96	10	< 1	0.06	< 10	0.48	350
L49500E-53200N	201 202	50	< 0.2	1.75	16	220	< 0.5	< 2	0.85	< 0.5	17	37	68	5.09	10	< 1	0.10	< 10	0.98	1170
L49500E-53250N	201 202	125	0.4	1.90	2	310	< 0.5	< 2	0.97	< 0.5	14	27	107	3.39	10	< 1	0.10	< 10	0.65	675
L49875E-52200N	202 217	5	1.0	0.84	< 2	500	< 0.5	< 2	3.80	0.5	3	12	106	0.91	< 10	< 1	0.07	< 10	0.27	380
L49875E-52250N	202 217	< 5	< 0.2	0.48	< 2	480	< 0.5	< 2	2.75	1.0	3	14	52	0.65	< 10	< 1	0.07	< 10	0.17	395
L49875E-52300N	202 217	< 5	0.4	0.29	< 2	510	< 0.5	< 2	5.76	0.5	1	4	47	0.36	< 10	< 1	0.03	< 10	0.21	225
L49875E-52350N	201 202	< 5	0.4	1.96	< 2	460	< 0.5	< 2	0.52	< 0.5	11	27	60	3.42	10	< 1	0.08	< 10	0.41	395
L49875E-52400N	202 203	< 5	0.2	1.62	< 2	420	< 0.5	< 2	0.57	< 0.5	13	51	35	3.28	10	< 1	0.12	< 10	0.55	835
L49875E-52450N	201 202	< 5	0.2	1.30	2	260	< 0.5	< 2	0.33	< 0.5	7	23	31	3.35	10	< 1	0.07	< 10	0.21	275
L49875E-52500N	202 203	< 5	0.2	1.10	< 2	160	< 0.5	< 2	0.48	< 0.5	7	53	18	2.74	10	< 1	0.13	< 10	0.30	360
L49875E-52550N	201 202	< 5	0.4	1.12	< 2	200	< 0.5	< 2	0.42	< 0.5	6	20	18	2.54	10	< 1	0.07	< 10	0.29	185
L49875E-52600N	201 202	< 5	0.2	1.19	4	410	< 0.5	< 2	0.34	< 0.5	7	32	28	3.08	10	< 1	0.14	< 10	0.25	505
L49875E-52650N	201 202	< 5	0.2	2.83	< 2	260	< 0.5	< 2	0.40	< 0.5	15	31	31	4.33	10	< 1	0.09	< 10	0.85	1030
L49875E-52700N	201 202	< 5	0.2	2.13	< 2	380	< 0.5	< 2	0.28	0.5	13	17	58	4.17	10	< 1	0.08	10	0.42	2510

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

405 - 470 GRANVILLE ST.
 VANCOUVER, BC
 V6C 1V5

Page Number : 1-B
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 Certificate Date: 05-OCT-93
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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L49375E-52525N	201 202	< 1	0.01	19	700	6	2	7	60	0.06	< 10	< 10	83	< 10	60
L49375E-52600N	201 202	< 1	0.01	23	1120	6	2	7	123	0.02	< 10	< 10	65	< 10	76
L49375E-52625N	201 202	1	0.01	17	760	4	2	10	54	0.01	< 10	< 10	56	< 10	76
L49375E-52650N	201 202	1	0.01	4	770	6	2	2	32	0.01	< 10	< 10	43	< 10	80
L49375E-52700N	201 202	2	0.01	6	920	4	2	2	32	0.03	< 10	< 10	76	< 10	76
L49375E-52750N	201 202	< 1	0.01	7	430	2	2	2	41	0.04	< 10	< 10	90	< 10	66
L49375E-52800N	201 202	< 1	0.01	6	440	4	< 2	2	31	0.04	< 10	< 10	81	< 10	52
L49500E-52400N	201 202	< 1	0.01	15	390	6	< 2	6	93	0.08	< 10	< 10	91	< 10	56
L49500E-52450N	201 202	< 1	0.01	25	930	4	2	10	107	0.04	< 10	< 10	92	< 10	70
L49500E-52500N	202 203	< 1	0.01	16	580	14	< 2	6	76	0.06	< 10	< 10	97	< 10	68
L49500E-52550N	201 202	< 1	0.01	10	390	4	< 2	3	45	0.06	< 10	< 10	72	< 10	60
L49500E-52600N	201 202	1	0.01	22	1000	12	< 2	10	72	0.06	< 10	< 10	106	< 10	104
L49500E-52650N	201 202	< 1	0.01	11	600	4	2	3	57	0.05	< 10	< 10	75	< 10	58
L49500E-52700N	202 203	< 1	0.01	20	1060	4	< 2	5	100	0.03	< 10	< 10	61	< 10	70
L49500E-52750N	201 202	< 1	0.01	23	2280	8	4	8	85	0.04	< 10	< 10	76	< 10	74
L49500E-52800NA	201 202	2	0.01	27	2120	8	6	20	97	0.02	< 10	< 10	96	< 10	112
L49500E-52800NB	202 203	1	0.01	22	1800	8	2	15	78	0.01	< 10	< 10	90	< 10	94
L49500E-52825N	202 203	2	0.01	26	980	4	< 2	4	43	0.02	< 10	< 10	99	< 10	62
L49500E-52850N	202 203	2	0.01	14	2020	6	2	7	50	0.02	< 10	< 10	97	< 10	76
L49500E-52900NA	202 203	< 1	0.02	8	1600	2	< 2	3	25	0.05	< 10	< 10	109	< 10	62
L49500E-52900NB	202 203	2	0.01	10	1820	6	6	4	40	0.03	< 10	< 10	112	< 10	70
L49500E-52950N	201 202	< 1	0.01	11	620	4	2	3	48	0.08	< 10	< 10	100	< 10	72
L49500E-53000N	201 202	< 1	0.01	9	1740	4	< 2	3	33	0.07	< 10	< 10	116	< 10	66
L49500E-53050N	201 202	< 1	0.01	10	1970	4	< 2	4	24	0.08	< 10	< 10	121	< 10	68
L49500E-53100NA	202 203	< 1	0.01	17	970	6	2	6	54	0.06	< 10	< 10	75	< 10	44
L49500E-53100NB	201 202	< 1	0.01	21	870	2	< 2	6	68	0.06	< 10	< 10	83	< 10	78
L49500E-53150N	201 202	< 1	0.01	12	1010	< 2	< 2	3	36	0.06	< 10	< 10	79	< 10	56
L49500E-53200N	201 202	< 1	0.01	17	1420	2	4	6	61	0.10	< 10	< 10	128	< 10	58
L49500E-53250N	201 202	< 1	0.01	15	800	6	< 2	4	80	0.06	< 10	< 10	85	< 10	66
L49875E-52200N	202 217	< 1	0.01	10	1150	4	< 2	1	240	< 0.01	< 10	< 10	20	< 10	56
L49875E-52250N	202 217	< 1	0.01	4	920	2	< 2	< 1	172	< 0.01	< 10	< 10	16	< 10	42
L49875E-52300N	202 217	< 1	0.01	5	800	< 2	< 2	< 1	383	< 0.01	< 10	< 10	11	< 10	60
L49875E-52350N	201 202	< 1	0.01	14	410	4	< 2	4	58	0.08	< 10	< 10	88	< 10	74
L49875E-52400N	202 203	< 1	0.02	13	820	4	< 2	3	53	0.08	< 10	< 10	91	< 10	72
L49875E-52450N	201 202	< 1	0.01	6	280	4	< 2	2	41	0.04	< 10	< 10	91	< 10	52
L49875E-52500N	202 203	< 1	0.02	7	730	4	< 2	2	54	0.07	< 10	< 10	76	< 10	56
L49875E-52550N	201 202	< 1	0.01	6	710	2	< 2	2	46	0.07	< 10	< 10	76	< 10	42
L49875E-52600N	201 202	< 1	0.01	9	600	4	< 2	2	37	0.05	< 10	< 10	84	< 10	54
L49875E-52650N	201 202	< 1	0.01	12	1950	14	< 2	3	41	0.03	< 10	< 10	91	< 10	126
L49875E-52700N	201 202	2	0.01	6	1440	6	< 2	3	32	0.02	< 10	< 10	96	< 10	128

CERTIFICATION: *Hart Buchler*



Chemex Labs Ltd.

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L49875E-52750N	201 202	< 5	0.4	2.71	6	180	< 0.5	< 2	0.50	< 0.5	13	33	70	6.11	20	< 1	0.08	< 10	0.50	755
L49875E-52800N	202 203	< 5	0.4	2.28	4	230	< 0.5	< 2	0.22	< 0.5	15	19	99	3.81	10	< 1	0.17	< 10	0.13	820
L49875E-52850N	201 202	< 5	0.2	2.27	4	410	< 0.5	< 2	0.26	< 0.5	12	19	96	4.56	10	< 1	0.06	< 10	0.40	805
L49875E-52900N	202 203	< 5	0.2	1.09	8	180	< 0.5	< 2	0.22	< 0.5	12	16	13	3.34	< 10	1	0.19	< 10	0.12	720
L49875E-52950N	202 203	< 5	< 0.2	1.17	< 2	120	< 0.5	< 2	0.33	< 0.5	6	32	20	2.44	< 10	< 1	0.04	< 10	0.22	235
L49875E-53000N	201 202	< 5	< 0.2	1.46	8	130	< 0.5	< 2	0.31	< 0.5	10	23	27	3.96	10	< 1	0.06	< 10	0.43	325
L49875E-53050N	201 202	< 5	0.4	1.16	2	80	< 0.5	< 2	0.27	< 0.5	7	20	14	2.98	10	< 1	0.05	< 10	0.26	185
L49875E-53100N	202 203	5	0.4	2.04	< 2	210	< 0.5	< 2	0.43	1.0	11	36	184	4.57	10	< 1	0.08	< 10	0.46	455
L49875E-53200N	202 203	< 5	0.6	1.51	< 2	220	< 0.5	< 2	0.51	0.5	11	48	28	3.10	10	< 1	0.08	< 10	0.34	730
L49875E-53250N	201 202	< 5	0.4	1.16	< 2	90	< 0.5	< 2	0.26	< 0.5	6	19	17	2.77	10	< 1	0.04	< 10	0.22	135
L49875E-53300N	201 202	270	0.2	1.02	2	90	< 0.5	< 2	0.37	< 0.5	4	19	13	2.23	10	< 1	0.05	< 10	0.27	160
L49875E-53350N	201 202	< 5	0.2	1.76	6	530	< 0.5	< 2	1.03	< 0.5	11	25	76	2.96	10	1	0.07	< 10	0.59	505
L49875E-53400N	201 202	15	1.0	3.15	< 2	580	< 0.5	< 2	0.96	0.5	20	39	177	4.67	20	1	0.17	< 10	0.78	580
L49875E-53450N	201 202	< 5	0.2	1.27	< 2	300	< 0.5	< 2	0.85	1.0	10	20	43	2.51	10	< 1	0.04	< 10	0.34	285
L49875E-53500N	202 203	< 5	0.4	1.03	2	390	< 0.5	< 2	2.05	0.5	7	30	69	1.63	< 10	< 1	0.04	< 10	0.20	220
L50125E-51500N	202 203	< 5	0.4	1.76	< 2	160	< 0.5	< 2	0.79	< 0.5	10	44	52	2.12	10	< 1	0.08	< 10	0.63	560
L50125E-51550N	202 203	< 5	0.2	1.45	2	160	< 0.5	< 2	1.07	< 0.5	10	55	58	2.48	10	< 1	0.08	< 10	0.56	695
L50125E-51600N	201 202	< 5	0.2	1.86	6	570	< 0.5	< 2	1.40	0.5	13	40	90	3.27	10	1	0.09	< 10	0.66	915
L50125E-51650N	201 202	< 5	0.2	1.73	4	610	< 0.5	< 2	1.52	0.5	11	35	107	2.99	10	< 1	0.08	< 10	0.56	505
L50125E-51700N	201 202	< 5	0.4	2.37	< 2	470	< 0.5	< 2	0.85	0.5	12	39	80	3.54	10	< 1	0.09	< 10	0.60	930
L50125E-51750N	201 202	< 5	< 0.2	2.71	< 2	620	< 0.5	< 2	1.49	0.5	13	40	134	3.65	10	< 1	0.10	< 10	0.71	940
L50125E-51800N	202 203	< 5	0.2	2.31	< 2	520	< 0.5	< 2	1.31	1.0	13	43	118	3.44	10	< 1	0.09	< 10	0.70	705
L50125E-51850N	202 203	10	< 0.2	1.37	2	460	< 0.5	< 2	2.69	0.5	8	32	95	1.89	< 10	< 1	0.08	< 10	0.45	655
L50125E-51900N	201 202	< 5	< 0.2	1.44	2	520	< 0.5	< 2	1.47	< 0.5	10	26	59	2.59	10	1	0.06	< 10	0.51	710
L50125E-51950N	202 203	< 5	< 0.2	0.26	< 2	810	< 0.5	< 2	4.25	0.5	2	15	36	0.40	< 10	< 1	0.03	< 10	0.14	670
L50125E-52000N	202 203	< 5	0.4	1.02	< 2	760	< 0.5	< 2	3.49	1.0	7	24	118	1.37	< 10	< 1	0.04	< 10	0.27	750
L50125E-52050N	201 202	< 5	0.2	1.58	< 2	690	< 0.5	< 2	1.76	0.5	9	24	89	2.48	10	< 1	0.08	< 10	0.45	530
L50125E-52100N	201 202	40	0.2	1.40	< 2	650	< 0.5	< 2	1.53	1.0	8	20	98	2.44	< 10	< 1	0.05	< 10	0.33	505
L50125E-52150N	201 202	< 5	< 0.2	1.07	< 2	420	< 0.5	< 2	1.84	0.5	8	21	56	2.08	< 10	< 1	0.06	< 10	0.44	480
L50125E-52200N	201 202	< 5	0.2	1.97	< 2	430	< 0.5	< 2	0.74	0.5	11	28	79	3.28	10	< 1	0.08	< 10	0.43	865
L50125E-52250N	201 202	< 5	< 0.2	1.15	< 2	160	< 0.5	< 2	0.24	< 0.5	8	16	30	2.90	< 10	< 1	0.07	< 10	0.31	260
L50125E-52300N	201 202	< 5	< 0.2	1.25	< 2	200	< 0.5	< 2	0.34	< 0.5	7	19	26	3.02	< 10	< 1	0.05	< 10	0.33	255
L50125E-52350N	201 202	5	< 0.2	1.25	4	160	< 0.5	< 2	0.39	< 0.5	9	22	42	3.31	< 10	< 1	0.08	< 10	0.44	485
L50125E-52400N	202 203	< 5	0.2	1.75	< 2	330	< 0.5	< 2	0.32	< 0.5	13	25	128	2.86	10	< 1	0.12	< 10	0.33	895
L50125E-52450N	201 202	< 5	< 0.2	0.98	< 2	520	< 0.5	< 2	0.56	1.0	8	12	57	2.07	10	< 1	0.07	< 10	0.32	1215
L50125E-52500N	201 202	< 5	< 0.2	1.20	< 2	280	< 0.5	< 2	0.34	< 0.5	10	15	29	2.88	< 10	< 1	0.06	< 10	0.37	565
L50125E-52650N	202 203	< 5	0.2	1.08	< 2	210	< 0.5	< 2	0.23	< 0.5	5	27	14	1.97	< 10	< 1	0.06	< 10	0.17	580
L50125E-52700N	201 202	< 5	< 0.2	1.15	< 2	390	< 0.5	< 2	0.34	< 0.5	7	11	30	2.47	10	< 1	0.06	< 10	0.12	1180
L50125E-52800N	202 203	< 5	0.2	1.01	< 2	250	< 0.5	< 2	0.27	1.0	6	27	16	2.06	< 10	< 1	0.08	< 10	0.15	465
L50125E-52850N	202 203	< 5	0.4	2.01	2	840	< 0.5	< 2	0.36	< 0.5	10	20	26	3.28	10	< 1	0.03	< 10	0.40	710

M. 150

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

405 - 470 GRANVILLE ST.
 VANCOUVER, BC
 V6C 1V5

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CERTIFICATE OF ANALYSIS A9322021

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L49875E-52750N	201	202	2	0.01	11	860	38	< 2	4	45	0.10	< 10	< 10	120	< 10	126
L49875E-52800N	202	203	1	0.01	3	970	12	< 2	2	25	< 0.01	< 10	< 10	52	< 10	80
L49875E-52850N	201	202	1	0.01	9	720	6	2	3	25	0.02	< 10	< 10	81	< 10	80
L49875E-52900N	202	203	< 1	0.01	2	890	30	< 2	1	17	0.01	< 10	< 10	40	< 10	48
L49875E-52950N	202	203	< 1	0.01	4	310	4	< 2	2	27	0.02	< 10	< 10	68	< 10	48
L49875E-53000N	201	202	1	0.01	8	510	4	< 2	2	31	0.07	< 10	< 10	98	< 10	56
L49875E-53050N	201	202	< 1	0.01	6	340	4	< 2	2	33	0.07	< 10	< 10	88	< 10	34
L49875E-53100N	202	203	1	0.01	10	640	4	< 2	3	41	0.02	< 10	< 10	80	< 10	164
L49875E-53200N	202	203	< 1	0.02	9	680	4	< 2	2	44	0.06	< 10	< 10	87	< 10	80
L49875E-53250N	201	202	< 1	0.01	6	740	4	< 2	2	30	0.07	< 10	< 10	80	< 10	46
L49875E-53300N	201	202	< 1	0.01	5	460	4	< 2	2	46	0.08	< 10	< 10	79	< 10	38
L49875E-53350N	201	202	1	0.01	12	620	4	< 2	4	71	0.07	< 10	< 10	80	< 10	58
L49875E-53400N	201	202	1	0.01	24	1580	8	< 2	10	79	0.06	< 10	< 10	99	< 10	90
L49875E-53450N	201	202	< 1	0.01	8	670	2	< 2	3	72	0.04	< 10	< 10	66	< 10	64
L49875E-53500N	202	203	1	0.01	9	1000	2	< 2	1	144	0.02	< 10	< 10	44	< 10	44
L50125E-51500N	202	203	< 1	0.01	13	1360	4	< 2	2	59	0.03	< 10	< 10	61	< 10	52
L50125E-51550N	202	203	< 1	0.02	15	1010	6	< 2	3	74	0.05	< 10	< 10	65	< 10	56
L50125E-51600N	201	202	1	0.02	25	940	6	2	6	101	0.06	< 10	< 10	81	< 10	74
L50125E-51650N	201	202	< 1	0.01	22	860	6	< 2	6	103	0.06	< 10	< 10	78	< 10	56
L50125E-51700N	201	202	< 1	0.01	27	530	6	< 2	7	72	0.08	< 10	< 10	87	< 10	70
L50125E-51750N	201	202	< 1	0.01	27	1150	4	< 2	8	112	0.05	< 10	< 10	87	< 10	76
L50125E-51800N	202	203	< 1	0.02	19	900	2	< 2	7	89	0.06	< 10	< 10	85	< 10	84
L50125E-51850N	202	203	< 1	0.01	16	920	4	< 2	2	169	0.02	< 10	< 10	48	< 10	62
L50125E-51900N	201	202	< 1	0.01	13	1040	4	< 2	4	108	0.06	< 10	< 10	67	< 10	48
L50125E-51950N	202	203	1	0.01	5	810	6	< 2	< 1	230	< 0.01	< 10	< 10	10	< 10	24
L50125E-52000N	202	203	< 1	0.01	12	920	4	< 2	1	193	0.02	< 10	< 10	31	< 10	48
L50125E-52050N	201	202	< 1	0.01	13	1030	2	< 2	3	119	0.04	< 10	< 10	59	< 10	56
L50125E-52100N	201	202	< 1	0.01	13	540	2	< 2	3	133	0.03	< 10	< 10	57	< 10	44
L50125E-52150N	201	202	< 1	0.01	10	720	2	< 2	2	153	0.03	< 10	< 10	47	< 10	42
L50125E-52200N	201	202	< 1	0.01	15	500	4	< 2	4	74	0.06	< 10	< 10	83	< 10	66
L50125E-52250N	201	202	< 1	< 0.01	6	750	2	< 2	1	24	0.03	< 10	< 10	65	< 10	64
L50125E-52300N	201	202	< 1	0.01	7	1340	4	< 2	2	35	0.05	< 10	< 10	78	< 10	54
L50125E-52350N	201	202	< 1	0.01	8	1000	2	< 2	2	31	0.04	< 10	< 10	80	< 10	64
L50125E-52400N	202	203	< 1	0.01	8	630	4	< 2	2	29	0.02	< 10	< 10	56	< 10	72
L50125E-52450N	201	202	1	< 0.01	5	880	4	< 2	1	38	0.03	< 10	< 10	44	< 10	110
L50125E-52500N	201	202	< 1	0.01	6	1010	4	< 2	2	26	0.03	< 10	< 10	67	< 10	62
L50125E-52650N	202	203	< 1	0.01	3	540	2	< 2	1	19	0.01	< 10	< 10	57	< 10	52
L50125E-52700N	201	202	1	< 0.01	3	720	10	< 2	1	20	0.01	< 10	< 10	51	< 10	72
L50125E-52800N	202	203	< 1	0.01	3	590	14	< 2	< 1	33	0.02	< 10	< 10	56	< 10	66
L50125E-52850N	202	203	1	0.01	4	270	6	< 2	3	29	0.02	< 10	< 10	81	< 10	70

CERTIFICATION: *Hart Bickler*



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To: HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

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CERTIFICATE OF ANALYSIS A9322021

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
L50125E-52900N	202	217	< 5	1.4	1.63	< 2	1080	< 0.5	< 2	2.92	< 0.5	5	14	464	1.56	10	< 1	0.09	30	0.17	910
L50125E-53000N	202	203	15	0.4	1.99	4	480	< 0.5	< 2	0.26	< 0.5	15	22	433	3.98	10	< 1	0.07	< 10	0.33	3390
L50125E-53050N	201	202	< 5	0.2	0.76	6	150	< 0.5	< 2	0.34	< 0.5	3	11	21	1.84	< 10	< 1	0.04	< 10	0.10	470
L50125E-53100N	201	202	< 5	< 0.2	1.52	< 2	350	< 0.5	< 2	0.30	< 0.5	8	20	116	2.70	10	< 1	0.03	< 10	0.48	345
L50125E-53150N	201	202	65	0.2	1.05	2	240	< 0.5	< 2	0.39	< 0.5	6	18	22	2.29	10	< 1	0.04	< 10	0.38	305
L50125E-53200N	201	202	45	0.2	1.12	6	260	< 0.5	< 2	0.38	< 0.5	7	27	23	3.40	10	< 1	0.06	< 10	0.25	230
L50125E-53250N	201	202	< 5	< 0.2	0.98	6	80	< 0.5	< 2	0.23	< 0.5	5	20	19	2.81	< 10	< 1	0.03	< 10	0.24	155
L50125E-53300N	202	203	< 5	0.2	1.76	6	310	< 0.5	< 2	0.61	< 0.5	18	41	59	3.30	10	< 1	0.10	< 10	0.60	1175
L50125E-53350N	202	217	< 5	0.4	0.35	< 2	490	< 0.5	< 2	4.50	0.5	1	8	52	0.38	< 10	< 1	0.01	< 10	0.09	275
L50125E-53400N	201	202	20	< 0.2	0.91	4	100	< 0.5	< 2	0.33	< 0.5	8	19	33	2.84	< 10	< 1	0.03	< 10	0.36	250
L50125E-53450N	201	202	30	0.2	1.05	6	150	< 0.5	< 2	0.19	< 0.5	7	17	20	2.84	< 10	< 1	0.04	< 10	0.22	590
L50125E-53500N	201	202	< 5	0.4	1.43	< 2	130	< 0.5	< 2	0.24	< 0.5	7	22	22	3.68	10	< 1	0.04	< 10	0.32	195
L50250E-51500N	201	202	< 5	< 0.2	0.90	4	40	< 0.5	< 2	0.39	< 0.5	5	21	21	2.22	< 10	< 1	0.03	< 10	0.34	165
L50250E-51550N	201	202	< 5	< 0.2	1.93	< 2	390	< 0.5	< 2	0.52	< 0.5	11	34	61	3.52	10	< 1	0.07	10	0.49	340
L50250E-51600N	201	202	< 5	< 0.2	1.69	< 2	250	< 0.5	< 2	0.65	0.5	13	32	54	3.18	10	< 1	0.06	< 10	0.42	780
L50250E-51650N	201	202	< 5	0.2	1.62	< 2	300	< 0.5	< 2	1.16	0.5	8	28	54	2.72	10	< 1	0.06	< 10	0.38	240
L50250E-51700N	202	203	< 5	0.4	3.09	< 2	490	< 0.5	< 2	1.22	1.0	15	51	125	4.05	10	< 1	0.13	< 10	0.79	1110
L50250E-51750N	202	203	< 5	0.6	1.12	4	880	< 0.5	< 2	3.19	1.0	8	24	98	1.83	< 10	< 1	0.06	< 10	0.33	860
L50250E-51800N	201	202	< 5	0.2	1.77	< 2	670	< 0.5	< 2	1.19	1.0	12	27	71	3.14	10	< 1	0.07	< 10	0.52	495
L50250E-51850N	202	203	< 5	0.6	0.30	< 2	790	< 0.5	< 2	4.52	1.5	1	6	79	0.27	< 10	< 1	0.02	< 10	0.11	335
L50250E-51900N	202	203	< 5	0.4	1.03	4	520	< 0.5	< 2	3.05	0.5	6	17	65	1.54	< 10	< 1	0.04	< 10	0.31	485
L50250E-51950N	202	217	< 5	< 0.2	0.22	< 2	520	< 0.5	< 2	4.34	0.5	1	7	51	0.28	< 10	< 1	0.02	< 10	0.10	200
L50250E-52000N	202	217	< 5	< 0.2	0.11	< 2	460	< 0.5	< 2	2.96	< 0.5	1	2	24	0.13	< 10	< 1	0.02	< 10	0.05	200
L50250E-52050N	202	217	< 5	0.2	0.13	< 2	570	< 0.5	< 2	3.52	0.5	1	3	35	0.17	< 10	< 1	0.02	< 10	0.07	320
L50250E-52100N	201	202	< 5	0.4	1.72	10	820	< 0.5	< 2	1.35	1.0	14	30	119	3.10	10	< 1	0.07	< 10	0.42	1940
L50250E-52150N	202	217	< 5	< 0.2	0.53	< 2	690	< 0.5	< 2	3.61	0.5	3	11	39	0.74	< 10	< 1	0.03	< 10	0.12	180
L50250E-52200N	202	203	< 5	0.6	1.31	< 2	550	< 0.5	< 2	2.22	0.5	7	27	75	1.43	< 10	< 1	0.08	< 10	0.21	935
L50250E-52250N	201	202	< 5	< 0.2	1.45	6	320	< 0.5	< 2	0.49	< 0.5	9	21	29	3.40	< 10	< 1	0.04	< 10	0.37	225
L50250E-52300N	201	202	< 5	< 0.2	1.25	< 2	140	< 0.5	< 2	0.32	< 0.5	8	19	17	3.20	< 10	< 1	0.04	< 10	0.34	185
L50250E-52350N	201	202	< 5	< 0.2	1.33	2	220	< 0.5	< 2	0.36	< 0.5	9	19	32	3.45	< 10	< 1	0.07	< 10	0.42	270
L50250E-52400N	201	202	< 5	< 0.2	1.96	< 2	460	< 0.5	< 2	0.41	0.5	11	22	39	3.45	10	< 1	0.09	< 10	0.39	800
L50250E-52450N	201	202	< 5	0.2	1.84	< 2	440	< 0.5	< 2	0.56	0.5	15	29	64	3.61	10	< 1	0.09	< 10	0.44	2450
L50250E-52550N	202	203	< 5	< 0.2	1.87	< 2	570	< 0.5	< 2	0.64	0.5	14	57	54	3.58	10	< 1	0.13	< 10	0.63	1770
L50250E-52600N	201	202	< 5	< 0.2	1.74	< 2	270	< 0.5	< 2	0.27	< 0.5	11	21	48	3.64	10	< 1	0.06	< 10	0.52	575
L50250E-52650N	201	202	< 5	< 0.2	1.70	< 2	190	< 0.5	< 2	0.25	< 0.5	9	19	42	3.27	10	1	0.05	< 10	0.49	335
L50250E-52700N	201	202	< 5	< 0.2	1.73	< 2	110	< 0.5	< 2	0.28	< 0.5	9	22	75	3.26	10	< 1	0.04	< 10	0.53	290
L50250E-52750N	201	202	< 5	0.2	1.72	< 2	130	< 0.5	< 2	0.23	< 0.5	7	17	38	3.60	10	1	0.07	< 10	0.36	270
L50250E-52800N	201	202	< 5	< 0.2	1.50	< 2	290	< 0.5	< 2	0.23	< 0.5	7	16	38	3.26	10	< 1	0.08	< 10	0.40	525
L50250E-52850N	201	202	< 5	< 0.2	1.54	< 2	120	< 0.5	< 2	0.19	< 0.5	6	16	23	3.11	10	< 1	0.06	< 10	0.33	250
L50250E-52900N	201	202	< 5	0.2	1.57	< 2	170	< 0.5	< 2	0.28	< 0.5	7	19	27	2.86	10	< 1	0.05	< 10	0.40	215

CERTIFICATION:

Hart Bichler



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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L50125E-52900N	202 217	1	0.01	6	1430	4	< 2	6	99	0.01	< 10	< 10	26	< 10	44
L50125E-53000N	202 203	1	0.01	5	1490	10	< 2	2	19	0.02	< 10	< 10	72	< 10	96
L50125E-53050N	201 202	< 1	< 0.01	2	330	4	< 2	1	27	0.03	< 10	< 10	54	< 10	46
L50125E-53100N	201 202	< 1	0.01	8	480	4	< 2	3	31	0.07	< 10	< 10	72	< 10	40
L50125E-53150N	201 202	< 1	0.01	6	490	6	< 2	2	39	0.08	< 10	< 10	70	< 10	44
L50125E-53200N	201 202	< 1	0.01	8	830	8	< 2	2	32	0.06	< 10	< 10	77	< 10	58
L50125E-53250N	201 202	< 1	0.01	6	880	6	< 2	2	27	0.06	< 10	< 10	86	< 10	44
L50125E-53300N	202 203	< 1	0.01	12	650	4	< 2	3	52	0.06	< 10	< 10	86	< 10	66
L50125E-53350N	202 217	1	< 0.01	5	850	2	< 2	< 1	252	< 0.01	< 10	< 10	6	< 10	36
L50125E-53400N	201 202	< 1	0.01	6	910	4	< 2	2	29	0.04	< 10	< 10	83	< 10	44
L50125E-53450N	201 202	< 1	< 0.01	5	1110	8	< 2	2	23	0.05	< 10	< 10	75	< 10	38
L50125E-53500N	201 202	< 1	0.01	6	2040	6	< 2	2	32	0.08	< 10	< 10	82	< 10	50
L50250E-51500N	201 202	< 1	0.01	7	960	2	< 2	2	37	0.07	< 10	< 10	70	< 10	28
L50250E-51550N	201 202	< 1	0.01	15	410	10	< 2	5	48	0.08	< 10	< 10	86	< 10	60
L50250E-51600N	201 202	1	0.01	15	490	14	< 2	4	52	0.06	< 10	< 10	76	< 10	70
L50250E-51650N	201 202	< 1	0.01	14	480	12	< 2	3	96	0.05	< 10	< 10	73	< 10	72
L50250E-51700N	202 203	< 1	0.01	31	790	4	< 2	8	93	0.05	< 10	< 10	91	< 10	108
L50250E-51750N	202 203	< 1	0.01	15	1330	4	< 2	1	182	0.01	< 10	< 10	37	< 10	76
L50250E-51800N	201 202	< 1	0.01	13	640	6	< 2	4	85	0.04	< 10	< 10	74	< 10	98
L50250E-51850N	202 203	< 1	< 0.01	9	860	< 2	< 2	< 1	218	< 0.01	< 10	< 10	5	< 10	40
L50250E-51900N	202 203	< 1	0.01	12	880	2	< 2	1	157	0.01	< 10	< 10	34	< 10	68
L50250E-51950N	202 217	< 1	0.01	6	880	< 2	< 2	< 1	216	< 0.01	< 10	< 10	8	< 10	50
L50250E-52000N	202 217	< 1	< 0.01	3	650	< 2	< 2	< 1	187	< 0.01	< 10	< 10	4	< 10	48
L50250E-52050N	202 217	< 1	< 0.01	4	910	< 2	< 2	< 1	168	< 0.01	< 10	< 10	7	< 10	40
L50250E-52100N	201 202	< 1	0.01	20	980	6	< 2	5	90	0.03	< 10	< 10	70	< 10	78
L50250E-52150N	202 217	< 1	0.01	4	720	2	< 2	1	199	0.01	< 10	< 10	16	< 10	32
L50250E-52200N	202 203	< 1	0.01	9	1330	4	< 2	2	127	0.01	< 10	< 10	35	< 10	54
L50250E-52250N	201 202	< 1	0.01	8	670	4	< 2	2	47	0.06	< 10	< 10	92	< 10	48
L50250E-52300N	201 202	< 1	0.01	6	1170	2	< 2	2	34	0.04	< 10	< 10	85	< 10	50
L50250E-52350N	201 202	< 1	0.01	8	1000	4	< 2	2	30	0.04	< 10	< 10	72	< 10	78
L50250E-52400N	201 202	< 1	0.01	8	1460	6	< 2	3	37	0.04	< 10	< 10	72	< 10	152
L50250E-52450N	201 202	1	< 0.01	14	990	12	< 2	4	37	0.04	< 10	< 10	76	< 10	74
L50250E-52550N	202 203	< 1	0.01	15	1270	10	< 2	4	53	0.05	< 10	< 10	85	< 10	126
L50250E-52600N	201 202	< 1	0.01	9	890	8	< 2	2	29	0.03	< 10	< 10	78	< 10	94
L50250E-52650N	201 202	< 1	0.01	8	810	4	< 2	2	27	0.03	< 10	< 10	68	< 10	72
L50250E-52700N	201 202	< 1	0.01	9	660	< 2	< 2	2	27	0.05	< 10	< 10	80	< 10	60
L50250E-52750N	201 202	< 1	< 0.01	6	1010	8	< 2	1	25	0.02	< 10	< 10	85	< 10	66
L50250E-52800N	201 202	< 1	0.01	6	780	6	< 2	1	28	0.03	< 10	< 10	78	< 10	76
L50250E-52850N	201 202	< 1	0.01	4	1160	8	< 2	2	23	0.04	< 10	< 10	70	< 10	60
L50250E-52900N	201 202	< 1	0.01	6	670	4	< 2	2	29	0.05	< 10	< 10	79	< 10	62

CERTIFICATION:

Stuart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

405 - 470 GRANVILLE ST.
 VANCOUVER, BC
 V6C 1V5

Project : KL
 Comments:

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 Account : T

CERTIFICATE OF ANALYSIS

A9322021

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
L50250E-52950N	201	202	< 5	0.6	1.39	< 2	300	< 0.5	< 2	0.31	< 0.5	6	14	29	2.86	10	< 1	0.07	< 10	0.24	385
L50250E-53000N	202	203	< 5	0.2	0.65	< 2	90	< 0.5	< 2	0.06	< 0.5	4	25	40	2.10	10	< 1	0.09	10	0.03	370
L50250E-53050N	202	203	< 5	1.2	1.52	< 2	290	< 0.5	< 2	0.30	< 0.5	12	32	81	3.81	10	< 1	0.10	< 10	0.37	2770
L50250E-53150N	201	202	15	0.2	1.23	6	110	< 0.5	< 2	0.22	< 0.5	6	21	32	3.87	10	< 1	0.06	< 10	0.29	195
L50250E-53200N	202	203	< 5	< 0.2	0.84	< 2	130	< 0.5	< 2	0.22	< 0.5	6	48	23	3.33	10	< 1	0.06	< 10	0.16	210
L50250E-53250N	201	202	< 5	0.2	1.17	8	320	< 0.5	< 2	0.42	0.5	13	16	44	2.88	10	< 1	0.07	< 10	0.20	545
L50250E-53300N	201	202	10	0.2	2.18	< 2	610	< 0.5	< 2	0.73	0.5	13	29	186	3.38	10	< 1	0.10	10	0.65	995
L50250E-53350N	201	202	< 5	< 0.2	1.49	< 2	190	< 0.5	< 2	0.46	< 0.5	12	27	75	3.45	10	< 1	0.08	< 10	0.61	500
L50250E-53400N	202	203	10	0.2	1.28	12	190	< 0.5	< 2	0.39	< 0.5	12	34	55	3.51	10	< 1	0.08	< 10	0.50	565
L50250E-53450N	201	202	< 5	0.2	1.43	< 2	180	< 0.5	< 2	0.26	< 0.5	6	14	23	2.80	10	< 1	0.07	< 10	0.29	220
L50500E-50050N	201	202	< 5	< 0.2	1.46	< 2	80	< 0.5	< 2	0.37	< 0.5	11	55	46	3.70	20	< 1	0.10	< 10	0.73	310
L50500E-50100N	201	202	< 5	< 0.2	2.34	< 2	140	< 0.5	< 2	0.48	< 0.5	18	62	116	4.36	20	< 1	0.11	< 10	1.15	875
L50500E-50150N	201	202	< 5	< 0.2	2.37	6	120	< 0.5	< 2	0.97	< 0.5	16	61	114	3.73	20	< 1	0.11	< 10	1.05	1410
L50500E-50200N	201	202	< 5	0.2	3.04	16	130	< 0.5	< 2	1.10	< 0.5	21	71	168	4.38	20	< 1	0.14	< 10	1.38	1605
L50500E-50250N	201	202	< 5	0.4	4.01	20	220	< 0.5	< 2	1.29	< 0.5	25	77	276	5.03	20	< 1	0.24	< 10	1.73	1845
L50500E-50300N	201	202	< 5	0.2	3.69	< 2	190	< 0.5	< 2	0.98	0.5	25	76	227	5.04	30	< 1	0.25	< 10	1.64	1140
L50500E-50350N	202	203	< 5	0.2	2.15	< 2	150	< 0.5	< 2	0.95	< 0.5	16	42	119	3.07	20	< 1	0.13	< 10	0.98	665
L50500E-50400N	201	202	< 5	0.4	1.88	< 2	160	< 0.5	< 2	1.69	< 0.5	9	42	131	1.98	10	< 1	0.14	< 10	0.68	290
L50500E-50450N	201	202	< 5	< 0.2	2.63	14	170	< 0.5	< 2	1.03	< 0.5	30	45	128	3.86	20	< 1	0.14	< 10	1.05	1255
L50500E-50500N	202	203	< 5	0.6	1.90	2	160	< 0.5	< 2	1.31	< 0.5	8	34	90	1.88	10	< 1	0.11	< 10	0.48	310
L50500E-50550N	201	202	< 5	0.2	2.35	< 2	160	< 0.5	< 2	0.74	< 0.5	16	39	86	3.16	10	< 1	0.12	< 10	0.91	840
L50500E-50600N	202	203	< 5	0.6	2.79	8	190	< 0.5	< 2	0.84	< 0.5	18	47	107	3.31	10	< 1	0.15	< 10	0.92	875
L50500E-50650N	201	202	< 5	0.4	1.97	2	160	< 0.5	< 2	0.52	< 0.5	10	32	60	2.60	10	< 1	0.11	< 10	0.62	360
L50500E-50700N	201	202	< 5	1.0	2.05	< 2	230	< 0.5	< 2	0.47	< 0.5	5	27	65	1.58	10	< 1	0.09	< 10	0.34	150
L50500E-50750N	202	202	< 5	0.6	2.43	2	220	< 0.5	< 2	0.56	< 0.5	10	34	87	2.48	10	< 1	0.11	< 10	0.50	335
L50500E-50800N	201	202	< 5	0.2	2.05	2	180	< 0.5	< 2	0.58	< 0.5	15	28	56	2.66	10	< 1	0.09	< 10	0.64	810
L50500E-50850N	201	202	< 5	0.6	2.11	2	210	< 0.5	< 2	0.62	< 0.5	26	26	57	2.86	10	< 1	0.12	< 10	0.54	1090
L50500E-50900N	201	202	< 5	0.4	2.05	< 2	170	< 0.5	< 2	0.53	< 0.5	12	30	58	2.60	10	< 1	0.10	< 10	0.67	430
L50500E-51500N	201	202	< 5	2.6	2.59	4	410	< 0.5	< 2	1.08	0.5	32	77	412	5.57	20	< 1	0.09	40	0.63	3840
L50500E-51550N	201	202	< 5	0.4	1.75	4	470	< 0.5	< 2	1.08	0.5	17	41	88	3.77	10	< 1	0.06	< 10	0.55	1190
L50500E-51600N	201	202	< 5	0.2	1.56	< 2	480	< 0.5	< 2	0.88	1.0	11	28	46	2.93	10	< 1	0.08	< 10	0.46	395
L50500E-51650N	201	202	30	0.4	1.35	4	440	< 0.5	< 2	0.78	0.5	10	26	33	2.66	10	< 1	0.04	< 10	0.45	395
L50500E-51700N	201	202	< 5	0.4	1.41	8	760	< 0.5	< 2	1.34	< 0.5	12	26	61	3.07	10	< 1	0.04	< 10	0.44	1185
L50500E-51850N	201	202	< 5	1.2	1.73	8	860	< 0.5	< 2	1.37	0.5	12	29	164	3.02	10	< 1	0.07	10	0.49	975
L50500E-51900N	201	202	200	0.6	0.96	< 2	200	< 0.5	< 2	0.37	< 0.5	6	21	16	2.40	10	< 1	0.02	< 10	0.22	170
L50500E-51950N	201	202	< 5	1.2	1.90	6	680	< 0.5	< 2	0.87	< 0.5	14	27	168	3.17	10	< 1	0.05	30	0.42	1315
L50500E-52000N	201	202	< 5	0.4	1.11	< 2	250	< 0.5	< 2	0.29	< 0.5	9	20	21	2.95	10	< 1	0.04	< 10	0.27	640
L50500E-52050N	201	202	< 5	0.4	1.36	< 2	500	< 0.5	< 2	0.60	0.5	11	16	76	2.88	10	< 1	0.05	< 10	0.40	500
L50500E-52100N	201	202	< 5	0.2	1.13	< 2	130	< 0.5	< 2	0.31	< 0.5	8	20	30	2.81	10	< 1	0.04	< 10	0.25	285
L50500E-52150N	201	202	< 5	0.2	1.37	< 2	460	< 0.5	< 2	0.38	< 0.5	13	18	37	2.87	10	< 1	0.05	< 10	0.39	2160

CERTIFICATION:

Hart Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

405 - 470 GRANVILLE ST.
 VANCOUVER, BC
 V6C 1V5

Page Number :4-B
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CERTIFICATE OF ANALYSIS

A9322021

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L50250E-52950N	201	202	< 1	0.01	4	620	6	< 2	2	34	0.04	< 10	< 10	73	< 10	70
L50250E-53000N	202	203	< 1	< 0.01	2	370	4	< 2	< 1	8	0.01	< 10	< 10	47	< 10	60
L50250E-53050N	202	203	2	0.02	4	1360	12	< 2	1	34	0.01	< 10	< 10	88	< 10	96
L50250E-53150N	201	202	< 1	0.01	6	1490	2	< 2	2	23	0.03	< 10	< 10	101	< 10	44
L50250E-53200N	202	203	< 1	0.01	6	390	2	< 2	1	20	0.06	< 10	< 10	138	< 10	50
L50250E-53250N	201	202	< 1	0.01	4	1180	6	< 2	1	28	0.02	< 10	< 10	64	< 10	90
L50250E-53300N	201	202	< 1	0.01	19	730	6	< 2	6	57	0.04	< 10	< 10	75	< 10	78
L50250E-53350N	201	202	< 1	0.01	13	950	6	< 2	4	36	0.08	< 10	< 10	91	< 10	56
L50250E-53400N	202	203	< 1	0.01	8	1000	6	< 2	3	34	0.03	< 10	< 10	94	< 10	58
L50250E-53450N	201	202	< 1	< 0.01	4	1310	4	< 2	2	25	0.03	< 10	< 10	62	< 10	54
L50500E-50050N	201	202	< 1	0.01	15	960	2	< 2	3	27	0.13	< 10	< 10	126	< 10	58
L50500E-50100N	201	202	< 1	0.01	23	1050	2	< 2	5	34	0.15	< 10	< 10	143	< 10	106
L50500E-50150N	201	202	< 1	0.01	21	880	2	< 2	6	67	0.16	< 10	< 10	131	< 10	80
L50500E-50200N	201	202	< 1	0.02	27	920	< 2	< 2	8	69	0.15	< 10	< 10	143	< 10	98
L50500E-50250N	201	202	< 1	0.02	35	1270	4	< 2	11	86	0.10	< 10	< 10	138	< 10	118
L50500E-50300N	201	202	< 1	0.02	32	1250	2	< 2	11	72	0.09	< 10	< 10	146	< 10	114
L50500E-50350N	202	203	< 1	0.02	17	820	2	< 2	7	65	0.09	< 10	< 10	97	< 10	60
L50500E-50400N	201	202	< 1	0.01	15	940	2	< 2	5	103	0.03	< 10	< 10	48	< 10	72
L50500E-50450N	201	202	< 1	0.02	19	1110	6	< 2	6	72	0.06	< 10	< 10	120	< 10	82
L50500E-50500N	202	203	< 1	0.02	12	1520	6	< 2	2	84	0.01	< 10	< 10	45	< 10	60
L50500E-50550N	201	202	< 1	0.01	17	990	4	< 2	6	56	0.06	< 10	< 10	95	< 10	68
L50500E-50600N	202	203	< 1	0.01	19	1320	4	< 2	4	62	0.03	< 10	< 10	86	< 10	86
L50500E-50650N	201	202	< 1	0.01	13	590	2	< 2	3	46	0.04	< 10	< 10	73	< 10	56
L50500E-50700N	201	202	< 1	0.01	11	1000	8	< 2	< 1	48	0.01	< 10	< 10	37	< 10	48
L50500E-50750N	201	202	< 1	0.01	14	1380	4	< 2	1	53	0.01	< 10	< 10	66	< 10	62
L50500E-50800N	201	202	< 1	0.01	13	860	8	< 2	2	50	0.04	< 10	< 10	83	< 10	68
L50500E-50850N	201	202	< 1	0.01	12	970	8	< 2	2	56	0.03	< 10	< 10	85	< 10	66
L50500E-50900N	201	202	< 1	0.01	13	590	4	< 2	3	52	0.05	< 10	< 10	80	< 10	64
L50500E-51500N	201	202	< 1	0.01	93	1620	12	< 2	15	102	0.01	< 10	< 10	76	< 10	106
L50500E-51550N	201	202	< 1	0.01	27	840	8	< 2	6	95	0.03	< 10	< 10	79	< 10	86
L50500E-51600N	201	202	1	0.01	14	530	20	< 2	4	88	0.04	< 10	< 10	74	< 10	82
L50500E-51650N	201	202	< 1	0.01	12	460	8	< 2	3	77	0.05	< 10	< 10	73	< 10	72
L50500E-51700N	201	202	< 1	0.01	11	870	< 2	< 2	3	102	0.03	< 10	< 10	74	< 10	52
L50500E-51850N	201	202	< 1	0.01	16	970	6	< 2	5	96	0.05	< 10	< 10	74	< 10	76
L50500E-51900N	201	202	< 1	0.01	5	360	6	< 2	2	39	0.07	< 10	< 10	78	< 10	50
L50500E-51950N	201	202	< 1	0.01	13	710	6	< 2	8	68	0.04	< 10	< 10	74	< 10	70
L50500E-52000N	201	202	< 1	0.01	6	890	4	< 2	2	27	0.03	< 10	< 10	77	< 10	94
L50500E-52050N	201	202	< 1	0.01	9	660	2	< 2	2	40	0.03	< 10	< 10	68	< 10	64
L50500E-52100N	201	202	< 1	0.01	4	1070	4	< 2	2	29	0.04	< 10	< 10	75	< 10	46
L50500E-52150N	201	202	< 1	0.01	7	1330	4	< 2	2	32	0.05	< 10	< 10	68	< 10	70

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

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To: HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

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CERTIFICATE OF ANALYSIS A9322021

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L50500E-52200N	201 202	< 5	0.8	3.92	< 2	1050	< 0.5	< 2	0.86	< 0.5	17	40	332	4.04	20	< 1	0.13	10	0.69	1795
L50500E-52250N	201 202	< 5	0.2	0.88	< 2	140	< 0.5	< 2	0.34	< 0.5	4	12	17	1.85	10	< 1	0.03	< 10	0.20	150
L50500E-52300N	201 202	50	< 0.2	1.36	< 2	180	< 0.5	< 2	0.23	< 0.5	14	13	41	3.12	10	< 1	0.03	< 10	0.28	1455
L50500E-52350N	201 202	10	0.2	0.94	< 2	230	< 0.5	< 2	0.25	0.5	8	18	23	2.74	10	< 1	0.05	< 10	0.20	415
L50500E-52400N	201 202	15	< 0.2	0.65	< 2	210	< 0.5	< 2	0.42	< 0.5	4	15	15	1.88	10	< 1	0.05	< 10	0.11	260
L50500E-52450N	201 202	< 5	0.2	1.66	6	510	< 0.5	< 2	0.68	< 0.5	9	20	46	3.10	10	< 1	0.04	10	0.34	575
L50500E-52500N	202 203	50	0.2	1.57	4	330	< 0.5	< 2	0.31	< 0.5	9	27	32	3.35	10	< 1	0.18	< 10	0.33	615
L50500E-52550N	201 202	10	0.2	1.67	14	720	< 0.5	< 2	0.41	< 0.5	10	16	27	3.67	10	< 1	0.14	< 10	0.30	860
L50500E-52600N	201 202	< 5	0.8	2.21	2	570	< 0.5	< 2	0.33	< 0.5	16	16	45	4.31	10	< 1	0.12	10	0.38	1130
L50500E-52650N	201 202	< 5	0.2	1.96	< 2	460	< 0.5	< 2	0.34	< 0.5	10	20	53	3.33	10	< 1	0.07	< 10	0.40	1635
L50500E-52700N	201 202	15	0.4	1.27	< 2	170	< 0.5	< 2	0.40	< 0.5	5	15	14	2.53	10	< 1	0.06	< 10	0.30	270
L50500E-52750N	201 202	10	0.4	1.76	8	70	< 0.5	< 2	0.22	< 0.5	8	23	31	4.20	10	< 1	0.03	< 10	0.36	425
L50500E-52800N	201 202	< 5	< 0.2	0.81	< 2	70	< 0.5	< 2	0.14	< 0.5	1	6	7	1.06	10	< 1	0.02	< 10	0.06	75
L50500E-52850N	202 203	< 5	0.2	1.31	4	100	< 0.5	< 2	0.26	< 0.5	7	33	33	2.64	10	< 1	0.13	< 10	0.26	345
L50500E-52900N	201 202	< 5	< 0.2	1.62	8	90	< 0.5	< 2	0.22	< 0.5	7	18	44	3.73	10	< 1	0.05	< 10	0.49	350
L50500E-52950N	201 202	< 5	< 0.2	1.25	< 2	160	< 0.5	< 2	0.24	< 0.5	6	13	46	2.94	10	< 1	0.03	< 10	0.27	380
L50500E-53000N	201 202	< 5	< 0.2	1.20	2	80	< 0.5	< 2	0.20	< 0.5	5	8	16	2.51	10	< 1	0.06	< 10	0.29	255
L50500E-53050N	201 202	25	0.2	0.73	< 2	100	< 0.5	< 2	0.13	< 0.5	2	9	13	1.32	< 10	< 1	0.04	< 10	0.10	135
L50500E-53100N	202 203	< 5	0.2	2.39	< 2	850	< 0.5	< 2	0.82	< 0.5	15	38	142	3.84	10	< 1	0.15	10	0.67	2330
L50500E-53150N	201 202	50	3.0	1.17	8	110	< 0.5	< 2	0.21	< 0.5	8	18	50	3.47	10	< 1	0.06	< 10	0.31	410
L50500E-53200N	201 202	10	0.2	1.20	4	80	< 0.5	< 2	0.17	< 0.5	7	15	51	2.95	10	< 1	0.04	< 10	0.31	320
L50500E-53250N	201 202	< 5	< 0.2	1.48	4	330	< 0.5	< 2	0.26	< 0.5	10	20	58	3.54	10	< 1	0.07	< 10	0.40	475
L50500E-53300N	201 202	< 5	0.2	1.20	4	280	< 0.5	< 2	0.44	< 0.5	10	19	65	3.05	10	< 1	0.06	< 10	0.40	420
L50500E-53350N	201 202	< 5	0.4	1.38	10	440	< 0.5	< 2	1.10	< 0.5	12	23	105	3.05	10	< 1	0.08	< 10	0.50	815
L50500E-53400N	201 202	< 5	< 0.2	1.58	2	230	< 0.5	< 2	0.40	< 0.5	11	20	51	3.56	10	< 1	0.06	< 10	0.59	565
L50500E-53450N	201 202	< 5	< 0.2	1.15	2	180	< 0.5	< 2	0.38	< 0.5	7	18	23	2.67	10	< 1	0.04	< 10	0.40	235
L50500E-53500N	201 202	< 5	< 0.2	1.51	< 2	510	< 0.5	< 2	0.58	< 0.5	8	13	30	2.56	10	< 1	0.04	< 10	0.42	345
L50750E-50000N	202 203	< 5	0.2	4.08	8	270	< 0.5	< 2	1.39	0.5	29	75	1080	5.25	20	< 1	0.20	< 10	1.36	4060
L50750E-50050N	201 202	< 5	< 0.2	0.96	< 2	60	< 0.5	< 2	0.37	< 0.5	6	42	30	2.14	10	< 1	0.04	< 10	0.37	155
L50750E-50100N	201 202	< 5	< 0.2	1.40	4	40	< 0.5	< 2	0.32	< 0.5	8	54	26	3.44	10	< 1	0.05	< 10	0.62	225
L50750E-50150N	201 202	< 5	< 0.2	0.81	< 2	30	< 0.5	< 2	0.28	< 0.5	3	24	11	1.31	10	< 1	0.03	< 10	0.25	105
L50750E-50200N	201 202	< 5	< 0.2	1.34	2	50	< 0.5	< 2	0.36	< 0.5	8	31	26	2.33	10	< 1	0.04	< 10	0.59	200
L50750E-50250N	202 217	< 5	0.2	2.27	< 2	150	< 0.5	< 2	1.80	< 0.5	17	45	145	2.73	10	< 1	0.12	< 10	0.83	570
L50750E-50300N	201 202	< 5	< 0.2	2.20	< 2	120	< 0.5	< 2	0.95	< 0.5	21	49	128	3.52	20	< 1	0.10	< 10	1.11	615
L50750E-50350N	201 202	< 5	0.2	2.20	< 2	110	< 0.5	< 2	1.04	< 0.5	16	44	98	3.04	20	< 1	0.09	< 10	1.01	520
L50750E-50400N	202 217	< 5	< 0.2	2.75	< 2	180	< 0.5	< 2	1.36	0.5	20	50	158	3.29	20	< 1	0.10	< 10	0.98	2350
L50750E-50450N	202 217	< 5	0.4	2.43	< 2	160	< 0.5	< 2	1.23	0.5	21	46	141	3.59	20	< 1	0.09	< 10	0.84	1335
L50750E-50500N	202 217	< 5	0.4	1.88	6	150	< 0.5	< 2	1.50	< 0.5	25	34	137	6.50	10	< 1	0.07	< 10	0.55	1645
L50750E-50550N	202 203	< 5	< 0.2	2.27	< 2	160	< 0.5	< 2	1.17	< 0.5	22	48	107	3.99	10	< 1	0.10	< 10	0.80	1360
L50750E-50600N	202 203	< 5	0.2	2.41	< 2	180	< 0.5	< 2	1.00	< 0.5	24	51	104	4.04	20	< 1	0.11	< 10	0.87	2030

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

405 - 470 GRANVILLE ST.
 VANCOUVER, BC
 V6C 1V5

Page Number :5-B
 Total Pages :6
 Certificate Date: 05-OCT-93
 Invoice No. :19322021
 P.O. Number. :
 Account :T

Project : KL
 Comments:

CERTIFICATE OF ANALYSIS A9322021

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L50500E-52200N	201	202	< 1	0.01	18	4250	2	< 2	14	63	0.03	< 10	< 10	73	< 10	98
L50500E-52250N	201	202	< 1	0.01	3	220	4	< 2	2	36	0.09	< 10	< 10	59	< 10	36
L50500E-52300N	201	202	< 1	< 0.01	5	1330	4	< 2	1	24	0.02	< 10	< 10	73	< 10	62
L50500E-52350N	201	202	< 1	< 0.01	4	770	< 2	< 2	2	26	0.04	< 10	< 10	67	< 10	60
L50500E-52400N	201	202	< 1	0.01	3	330	2	< 2	1	35	0.05	< 10	< 10	55	< 10	40
L50500E-52450N	201	202	< 1	0.01	7	720	6	< 2	3	42	0.06	< 10	< 10	70	< 10	76
L50500E-52500N	202	203	< 1	0.01	6	520	4	< 2	2	28	0.03	< 10	< 10	47	< 10	84
L50500E-52550N	201	202	< 1	0.01	6	800	16	< 2	1	43	0.03	< 10	< 10	76	< 10	110
L50500E-52600N	201	202	< 1	0.01	6	1190	24	< 2	2	29	0.01	< 10	< 10	61	< 10	128
L50500E-52650N	201	202	< 1	0.01	8	890	12	< 2	2	39	0.06	< 10	< 10	79	< 10	80
L50500E-52700N	201	202	< 1	0.01	4	1090	4	< 2	2	45	0.07	< 10	< 10	74	< 10	60
L50500E-52750N	201	202	< 1	< 0.01	7	2580	4	< 2	2	27	0.05	< 10	< 10	101	< 10	82
L50500E-52800N	201	202	< 1	< 0.01	1	280	4	< 2	< 1	20	0.03	< 10	< 10	32	< 10	28
L50500E-52850N	202	203	< 1	0.01	6	410	6	< 2	2	27	0.04	< 10	< 10	49	< 10	54
L50500E-52900N	201	202	< 1	0.01	6	1240	14	< 2	2	28	0.02	< 10	< 10	90	< 10	74
L50500E-52950N	201	202	< 1	< 0.01	3	490	6	< 2	1	33	0.05	< 10	< 10	84	< 10	60
L50500E-53000N	201	202	< 1	< 0.01	2	450	4	< 2	1	23	0.03	< 10	< 10	67	< 10	50
L50500E-53050N	201	202	< 1	< 0.01	1	410	2	< 2	< 1	17	0.01	< 10	< 10	32	< 10	24
L50500E-53100N	202	203	1	0.01	11	970	6	< 2	4	49	0.02	< 10	< 10	78	< 10	90
L50500E-53150N	201	202	1	0.01	6	900	6	2	1	24	0.02	< 10	< 10	80	< 10	58
L50500E-53200N	201	202	< 1	0.01	6	1040	4	< 2	1	17	0.01	< 10	< 10	61	< 10	56
L50500E-53250N	201	202	< 1	0.01	8	780	4	< 2	2	25	0.02	< 10	< 10	80	< 10	74
L50500E-53300N	201	202	1	0.01	9	710	6	2	2	37	0.03	< 10	< 10	70	< 10	62
L50500E-53350N	201	202	< 1	0.01	11	1340	6	< 2	3	70	0.03	< 10	< 10	66	< 10	76
L50500E-53400N	201	202	< 1	0.01	9	940	2	< 2	2	24	0.03	< 10	< 10	71	< 10	86
L50500E-53450N	201	202	< 1	< 0.01	7	420	2	< 2	2	25	0.06	< 10	< 10	68	< 10	50
L50500E-53500N	201	202	1	0.01	6	270	4	< 2	3	44	0.03	< 10	< 10	62	< 10	52
L50750E-50000N	202	203	< 1	0.01	31	1970	8	< 2	8	100	0.07	< 10	< 10	166	< 10	96
L50750E-50050N	201	202	< 1	0.01	8	370	2	< 2	2	31	0.12	< 10	< 10	81	< 10	40
L50750E-50100N	201	202	< 1	0.01	13	1080	4	< 2	3	28	0.13	< 10	< 10	119	< 10	46
L50750E-50150N	201	202	< 1	0.01	5	520	4	< 2	2	21	0.11	< 10	< 10	50	< 10	30
L50750E-50200N	201	202	< 1	0.01	11	490	2	< 2	3	25	0.14	< 10	< 10	82	< 10	46
L50750E-50250N	202	217	< 1	0.01	18	810	2	< 2	5	120	0.06	< 10	< 10	87	< 10	82
L50750E-50300N	201	202	< 1	0.01	19	570	4	< 2	7	68	0.10	< 10	< 10	117	< 10	62
L50750E-50350N	201	202	< 1	0.02	18	940	2	< 2	8	63	0.10	< 10	< 10	94	< 10	66
L50750E-50400N	202	217	< 1	0.02	20	1040	< 2	< 2	8	80	0.07	< 10	< 10	93	< 10	70
L50750E-50450N	202	217	< 1	0.01	18	1100	4	< 2	8	71	0.07	< 10	< 10	108	< 10	66
L50750E-50500N	202	217	< 1	0.02	11	1620	4	2	6	81	0.04	< 10	< 10	131	< 10	72
L50750E-50550N	202	203	< 1	0.02	18	1090	4	< 2	7	68	0.07	< 10	< 10	105	< 10	74
L50750E-50600N	202	203	< 1	0.01	19	1110	2	< 2	8	60	0.07	< 10	< 10	114	< 10	76

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

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PHONE: 604-984-0221

To: HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.
405 - 470 GRANVILLE ST.
VANCOUVER, BC
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Total Pages :6
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Project : KL
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CERTIFICATE OF ANALYSIS A9322021

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
L50750E-50650N	202	217	< 5	0.2	2.04	< 2	140	< 0.5	< 2	1.21	< 0.5	14	37	81	3.14	10	< 1	0.10	< 10	0.79	685
L50750E-50700N	201	202	< 5	0.2	1.26	< 2	140	< 0.5	< 2	0.65	< 0.5	5	18	34	1.41	10	< 1	0.04	< 10	0.43	175
L50750E-50750N	201	202	< 5	0.2	1.15	< 2	130	< 0.5	< 2	0.40	< 0.5	3	15	20	0.99	10	< 1	0.04	< 10	0.23	115
L50750E-50800N	201	202	< 5	0.2	1.36	< 2	120	< 0.5	< 2	0.34	< 0.5	8	24	38	2.06	10	< 1	0.04	< 10	0.50	300
L50750E-50850N	202	203	< 5	0.2	2.11	< 2	220	< 0.5	< 2	0.59	< 0.5	20	35	56	3.02	10	< 1	0.08	< 10	0.67	1265
L50750E-50900N	202	203	< 5	0.4	1.75	< 2	210	< 0.5	< 2	0.74	< 0.5	29	32	52	2.69	10	< 1	0.07	< 10	0.50	1575

CERTIFICATION: Hart Bichler



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405 - 470 GRANVILLE ST.
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CERTIFICATE OF ANALYSIS A9322021

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
L50750E-50650N	202 217	< 1	0.01	14	1410	4	< 2	4	69	0.04	< 10	< 10	59	< 10	84
L50750E-50700N	201 202	< 1	0.01	8	400	6	< 2	2	52	0.07	< 10	< 10	43	< 10	34
L50750E-50750N	201 202	< 1	0.01	6	340	6	< 2	1	41	0.06	< 10	< 10	33	< 10	30
L50750E-50800N	201 202	< 1	0.01	10	630	2	< 2	1	29	0.02	< 10	< 10	57	< 10	50
L50750E-50850N	202 203	< 1	0.01	14	1130	6	< 2	1	45	0.01	< 10	< 10	84	< 10	74
L50750E-50900N	202 203	< 1	0.01	13	1240	8	< 2	1	54	0.01	< 10	< 10	81	< 10	64

CERTIFICATION: *Hart Bickler*

APPENDIX 5

VLF-EM 16 RESULTS

KL_VLF.XLS

KL PROPERTY - VLF DATA 1993									
LINE 52900N					LINE 52750				
	DIP <	Topographic SLOPE	QUAD	Fraser Filtered		DIP <	Topographic SLOPE	QUAD	Fraser Filtered
49750E	-40	-30	-12		-10	-20	-2		
49725E	-22	-30	-8	-22	-12	-20	5		2
49700E	-22	-30	-7	-14	-12	-30	2		0
49675E	-18	-11	-6	-20	-12	-28	2		2
49650E	-12	-6	-2	-13	-12	-28	-2		-2
49625E	-8	-4	-2	-2	-14	-24	2		-10
49600E	-9	-16	-2	0	-8	-18	6		-6
49575E	-9	-14	-1	-2	-8	-17	0		-1
49550E	-8	-14	-2	-3	-8	-15	-2		-4
49525E	-8	-14	-2	0	-7	-15	0		-6
49500E	-6	-8	-4	7	-5	-10	4		-5
49475E	-10	-8	-6	9	-4	-10	0		-3
49450E	-11	-8	-4	7	-3	-10	0		1
49425E	-14	-8	-2	3	-3	-10	-3		4
49400E	-14	-8	-2	-6	-5	-10	-2		5
49375E	-14	-8	-1	-12	-5	-10	0		4
49350E	-8	-8	-2	-1	-8	-10	0		-3
49325E	-8	0	-2	13	-6	-10	-2		-5
49300E	-13	-6	-2	11	-4	-2	0		3
49275E	-16	-5	0	6	-5	-6	2		
49262.5E	-16	-5	2	5	*	*	*		
49250E	-19	-5	0	1	-8	-6	2		
49237.5E	-18	-5	0	-5					
49225E	-18	-5	0	-14					
49200E	-14	-6	4						
49175E	-8	-3	4						
NOTE: Station Hawaii, facing WNW; All of the Fraser Filtered data should be shifted									
12.5 metres to the West from coordinates shown.									

KL PROPERTY - VLF DATA 1993				
LINE 52600N	DIP <	Topographic SLOPE	QUAD	Fraser Filtered
49750E	-12	-20	8	
49725E	-8	-20	5	-9
49700E	-5	-18	6	-1
49675E	-6	-18	4	-2
49650E	-6	-18	7	-1
49625E	-3	-10	8	7
49600E	-8	-10	8	-1
49575E	-8	-10	8	-6
49550E	-2	-10	10	3
49525E	-8	-10	3	0
49500E	-5	-10	8	-11
49475E	-5	-10	4	-16
49450E	3	-10	10	-2
49537.5E	2	-10	5	16
49425E	-2	-5	2	13
49400E	-8	-5	-3	0
49375E	-5	-5	0	-5
49350E	-5	-5	0	-7
49325E	-2	-5	0	-5
49300E	-1	-5	0	-1
49275E	-1	-5	3	
49250E	-1	-5	4	
NOTE: Station Hawaii, facing WNW; All of the Fraser Filtered data should be shifted 12.5 metres to the East from coordinates shown.				

KL PROPERTY - VLF DATA 1993				
LINE 52500N (BASELINE)				
	DIP <	Topographic SLOPE	QUAD	Fraser Filtered
49625E	-17	-10	2	
49600E	-18	-10	0	-16
49575E	-13	-10	4	-21
49550E	-6	-10	4	-12
49525E	-4	-10	4	-7
49500E	-2	-10	6	-7
49475E	-1	-10	5	-7
49450E	2	-10	4	-6
49425E	2	-10	4	-6
49412.5E	6	-10	4	7
49400E	4	-10	4	18
49375E	-3	-10	2	10
49350E	-5	-10	2	-1
49325E	-4	-10	4	-3
49300E	-3	-10	3	8
49275E	-3	-10	7	
49250E	-12	-10	3	
NOTE: Station Hawaii, facing WNW; All of the Fraser Filtered data should be shifted 12.5 metres to the West from coordinates shown.				
LINE 49500E				
	DIP <	Topographic SLOPE	QUAD	Fraser Filtered
52500N	-14	-10	-2	
52550N	-13	-10	-2	-17
52575N	-6	-10	-2	-7
52600N	-4	-10	2	10
52625N	-7	-10	-2	20
52650N	-13	-10	-2	20
52700N	-18	-10	-4	23
52750N	-22	-10	-5	-2
52800N	-21	-10	-10	-10
52850N	-17	-10	-6	
55900N	-16	-10	-10	
NOTE: Station Seattle, facing WSW; All of the Fraser Filtered data should be shifted 12.5 metres to the North from coordinates shown.				

APPENDIX 6

ROCK SAMPLE DESCRIPTIONS

093N7GROO1

LOCATION: L 49375E / 52735 N

- Angular subcrop from overturned tree;
- carbonate +/- quartz altered andesite (tuff?) - Takla Volcanic
- boudinaged feldspar crystals (moderate shearing)
- 1-5% disseminated and fracture controlled fine grain pyrite
- weathered orange (ankerite) on oxide surface)

093N7GROO2

LOCATION: APPROXIMATELY 25m SW of GR001

- as above ; somewhat finer grained
- numerous narrow cross-cutting carbonate fractures
- trace to 3% f. grained pyrite
- trace malachite staining on fractures

621013

LOCATION: L 49735E / 52725 N

- Angular subcrop from overturned tree
- Fe stained fine grained volcanic
- feldspar is phyrlic in places; pyrite 1-3%
- disseminated chalcopyrite(?), trace malachite.
- minor fracturing

621014

-LOCATION: L52800N/49250E

- Angular subcrop from overturned tree
- Fe stained fine grained volcanic
- quartz-carbonate altered
- 2-3 mm qtz-carb veinlets; disseminated pyrite 1-3%
- 1% chalcopyrite (?)

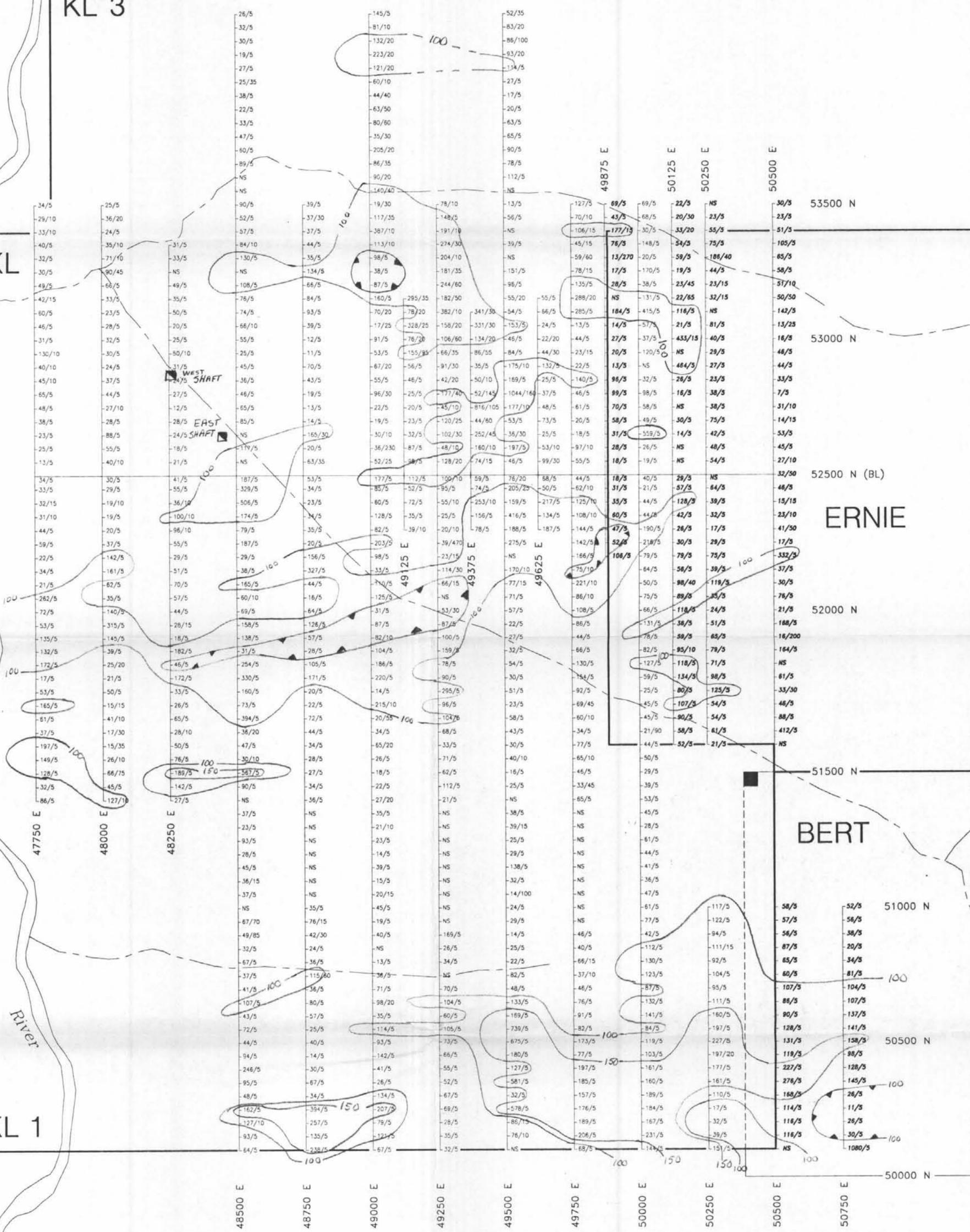


KL 3

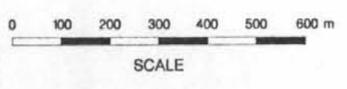
KL

KL 1

Kiawii River



Legend
 80/10 1993 soil samples - copper (ppm) / gold (ppm)
 85/10 1990 soil samples - copper (ppm) / gold (ppm)
 -100- Copper contour



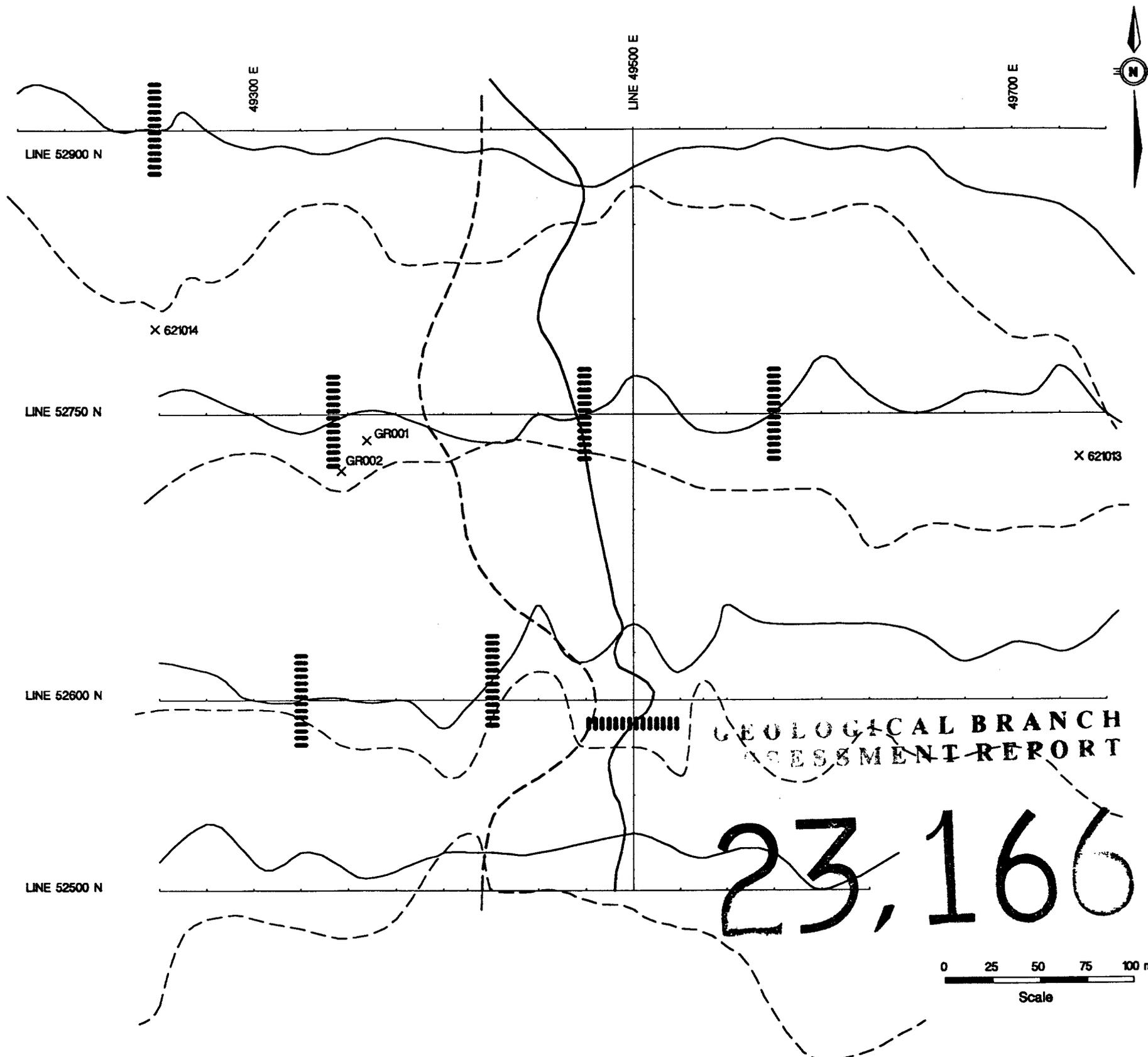
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

**HUDSON BAY EXPLORATION &
DEVELOPMENT CO. LTD.**

23,166

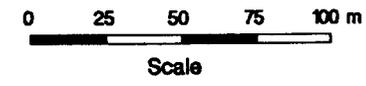
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COPPER/GOLD
SOIL GEOCHEMISTRY**

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 DATE: OCT. 1993
 DRAWN BY: Lumina Drafting Ltd.
 FILE: KLCHEM.DWG
 FIGURE: 4

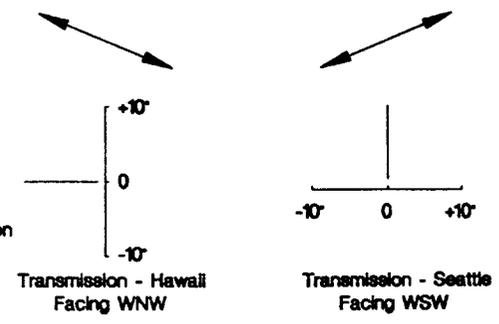


GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,166

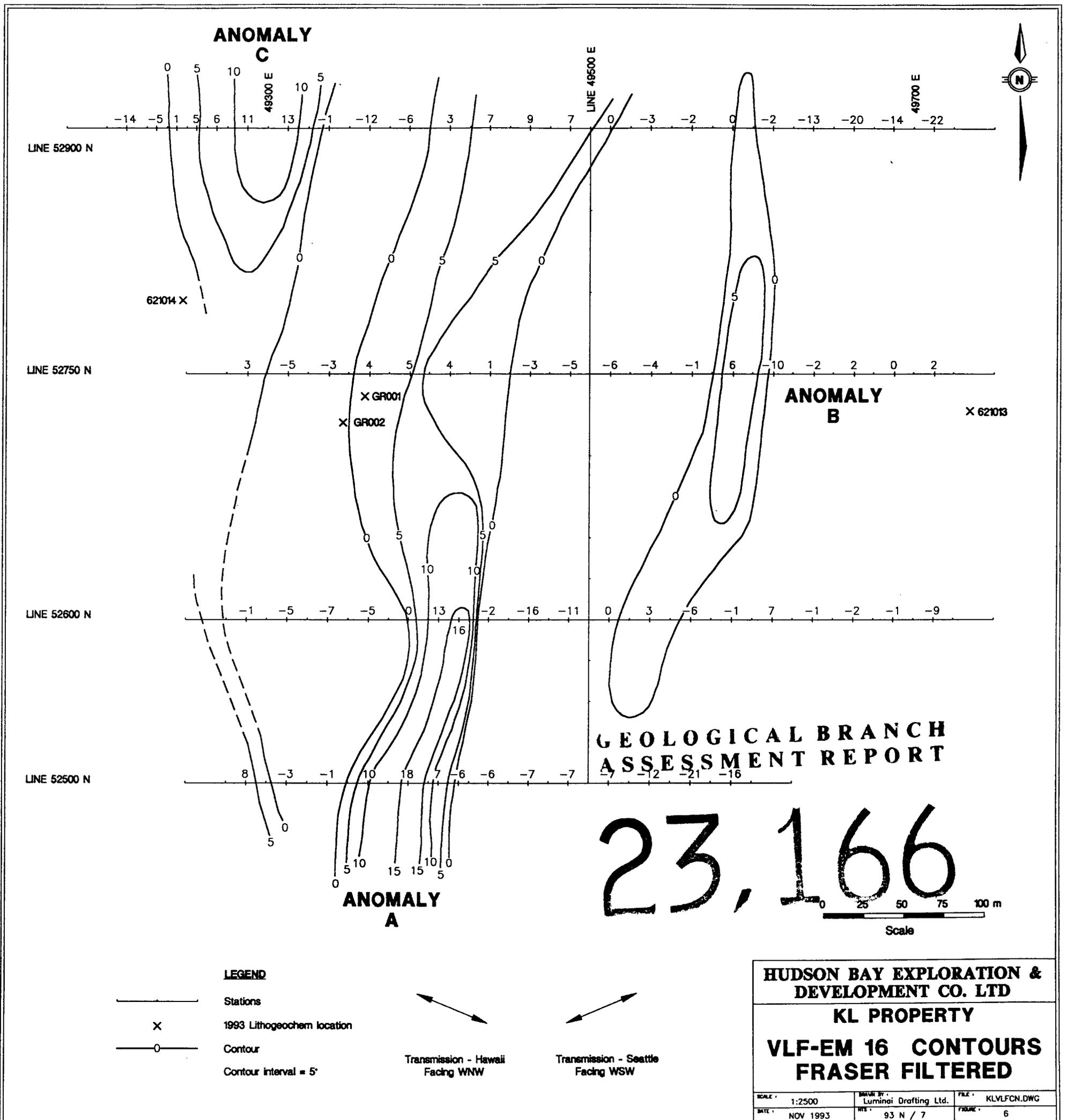


- LEGEND**
- Stations
 - In-Phase
 - - - Quadrature
 - ||||| Conductor Axis
 - X 1993 Lithogeochem location



HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD
KL PROPERTY
VLF-EM 16 PROFILES (Unfiltered)

SCALE: 1:2500	DRAWN BY: Luminai Drafting Ltd.	FILE: KLVLF.DWG
DATE: NOV 1993	HTS: 93 N / 7	FRAME: 5



ANOMALY C

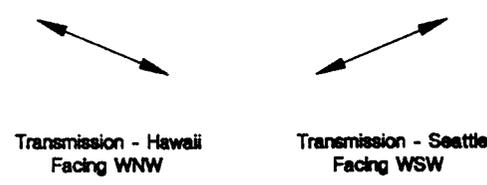
ANOMALY B

ANOMALY A

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,166

- LEGEND**
- Stations
 - X 1993 Lithogeochem location
 - Contour
 - Contour interval = 5'



**HUDSON BAY EXPLORATION &
DEVELOPMENT CO. LTD**

KL PROPERTY

**VLF-EM 16 CONTOURS
FRASER FILTERED**

SCALE: 1:2500	DRAWN BY: Luminoi Drafting Ltd.	FILE: KLVFCN.DWG
DATE: NOV 1993	WKS: 93 N / 7	FIGURE: 6